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July 1st
1897



HAND-LIST
OF THE
SPECIMENS OF SHIELD REPTILES
IN THE
BRITISH MUSEUM.

BY
DR. J. E. GRAY, F.R.S., F.L.S., &c.
Keeper of the Zoological Department.



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1873.

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INTRODUCTION.

A list of all the specimens of Shield Reptiles in the British Museum. They are arranged as they are described in—

- I. The Catalogue of Shield Reptiles. Part I. *Testudinata*, 4to, 1855; the Supplement, 4to, 1870; and its Appendix, 4to, 1872. By Dr. J. E. Gray.
- II. The Catalogue of Shield Reptiles. Part II. *Emydosaurians*, *Rhynchocephalia*, and *Amphisbænians*, 4to. 1872. By Dr. J. E. Gray.

The new species or improvements in the arrangement of the animals that may have been discovered since the publication of these works have been adopted, and a reference made to where they have been described.

When any of the specimens have served as the types of a description or figure of the species in any scientific work, reference is made to where the description and figure are to be found.

Whenever the specimen has been presented or obtained directly from a collector, the name of the presenter or collector, and the habitat sent with the specimen, has been recorded immediately after the specimen, but the far greater number of the specimens have been obtained from dealers with only the most general habitats.

The condition in which the specimen is preserved, its size, and often the age and sex, when known with certainty, are recorded.

The following table gives the number and state of the specimens at present in the collection, and the manner in which they are preserved.

Species.		Animals stfd. or dry	Animals in spirits.	Skeletons.	Skulls.	Shells.	Totals.
107	I. TESTUDINATA						
	1. Tylopoda	85	24	27	3	157	296
	2. Steganopodes	221	203	58	12	138	632
	3. Pleuroderes	71	52	10	10	32	175
	4. Trionychoidea	29	47	7	21	15	119
	5. Oiacopodes	38	47	9	21	34	149
		444	373	111	67	376	1371
23	II. EMYDOSAURI	124	105	6	69		304
1	III. RHYNCHOCEPHALIA	1	5	1	1		8
18	IV. AMPHISBÆNIA	1	80				81
289	Totals	570	563	118	137	376	1764

JOHN EDWARD GRAY.

British Museum,
April 1st, 1873.

HAND-LIST
OF
SPECIMENS OF SHIELD REPTILES.

Sub-order 1. TYLOPODA.
Family 1. TESTUDINIDÆ.
Genus 1. TESTUDO.

* *Gopher*.

1. TESTUDO GOPHER, *Gray, Cat. p. 5; Suppl. p. 4.*
 - a. Animal stuffed. Thorax flat. Thighs very slightly spurred.
North America. Presented by Dr. R. Harlan.
 - b. Animal stuffed. Thorax very concave. Thighs with two or three
conical spines.
North America. Presented by E. Doubleday, Esq.
 - c. Animal stuffed. Thorax nearly flat.
Mexico. 48, 6, 8, 22.
 - d. Adult skeleton.
North America. 57, 8, 28, 17.
 - e. Skeleton and shell, 11 in. Sternum flat.
North America. 69, 10, 19, 1.
 - f. Animal and shell dry, 9½ in. Sternum quite flat.
North America. 55, 11, 26, 16.
2. TESTUDO TABULATA, *Gray, Cat. p. 5; Suppl. p. 4; Append. p. 2.*
 - a. Animal and shell.
Tropical America.
 - b. Animal and shell, 18 in.
Tropical America.
 - c. Animal and shell.
Tropical America.
 - v. Animal dried, and shell. Back very flat. Sternum very concave.
♀ or young. Sternum flat.
Cayenne. 51, 8, 25, 16.

f. Animal stuffed, and shell, $9\frac{1}{2}$ in.
Tropical America. 88.

e. Animal stuffed, and shell, $8\frac{1}{2}$ in.
West Indies.

Presented by John Gould, Esq.

Animal and shell, in spirits, young.
Tropical America. 66, 8, 14, 219.

Animal and shell dry, young.
Tropical America. 66, 8, 28, 4.

g. Animal stuffed, and shell, $6\frac{7}{8}$ in. Head symmetrically yellow-marked. Shell pale brown, with black edges to the shields.
Tropical America.

bb. Animal in spirits, young. Shell $8\frac{1}{2}$ in.
Xeberos. 67, 6, 13, 80.

d. Skeletons, ♂. Sternum concave.
Tropical America.

r. Skeleton and shell, $12\frac{1}{2}$ in. Back worn.
Tropical America.

s. Skeleton and shell, $9\frac{1}{2}$ in.
Cayenne. 52, 12, 3, 20.

t. Skeleton and shell. 16 in. Without plates. Prepared by E. Gerrard, jun.
Tropical America.

u. Skeleton and shell, $12\frac{1}{2}$ in. Sternum very concave.
Tropical America.

x. Skeleton and shell, 13 in., with two eggs in it.
Tropical America.

h. Skeleton and shell. 11 in.
Tropical America. 43, 2, 20, 9.

y. Skeleton and shell, 7 in., cut down the back.
Tropical America. 67, 4, 2, 97.

q. Skeleton and shell, $9\frac{1}{2}$ in.
Tropical America.

d. Shell, $22\frac{1}{2}$ in., very large, much worn. Sternum concave.
West Indies. Presented by Col. Finch.

i. Shell, $12\frac{1}{2}$ in.
Tropical America.

j. Shell, $11\frac{1}{2}$ in.
Tropical America.

k. Shell, 12 in. Back worn.
Tropical America.

h. Shell, 15 in. Sternum rather concave.
Tropical America. 43, 12, 7, 43.

m. Shell, $9\frac{1}{2}$ in. Sternum slightly concave.
Tropical America.

b. Shell, 12 in. Sternum nearly flat.
Tropical America.

w. Shell, 9½ in. Shields grooved.
Tropical America. 67, 4, 2, 88.

u. Shell, 6 in. Shields deeply grooved.
Tropical America. 48, 2, 29, 4.

z. Shell, 4½ in. Shields grooved.
Tropical America. 45, 6, 4, 19.

aa. Shell, 6½ in. Like "g."
Tropical America. 67, 4, 2, 87.

3. TESTUDO CHILENSIS, *Gray, Cat. Suppl.* p. 5; *Append.* p. 9.

a. Animal stuffed. Sternum flat. Anal shield expanded.

T. Chilensis, *Gray, P. Z. S.* 1870, p. 706, t. xl.

Argentine Republic. 70, 12, 18, 2.

** *Megalochelys.*

4. TESTUDO INDICA, *Gray, Cat.* p. 6; *Suppl.* p. 5; *Append.* p. 8.

c. Animal and shell, 42 in.
India.

d. Young animal stuffed, and shell, 4 in. Figured in Gen. Hardwicke's drawings.
Bengal. Presented by General Hardwicke.

f. Animal stuffed, and shell, 84 in. Elongate, compressed on sides, and turned up at edge.
India. Presented by Earl of Derby.

Testudo Vosmaeri, *Fitzinger, Cat. Sh. Rep.* p. 6.
India.

g. Young animal, in spirit.
India. Presented by Colonel Playfair.

h. Skeleton and shell, 27 in.
India. Zoological Society.

b. Skull, very large, 6 in. long.
India.

a. Skull, 8½ in. long.
Testudo indica, *Gray, Cat. Sh. Rep.* t. 55, f. 1.
India. Dr. Mantell's collection.

e. Shell, 14 in. Sternum quite flat.
India. Zoological Society. 54, 5, 4, 1.

i. Shell, 18½ in. Bones and scutellum very convex. Caudal and sternum flat.
India.

5. TESTUDO ELEPHANTOPUS, *Gray, Cat. Suppl.* p. 5; *Append.* p. 8.

a. Animal stuffed, and shell, 11½ in. Sternum flat.
S. America.

- c. Animal stuffed, and shell, 8 in. Sternum flat.
Chili. Wucherer. 70, 12, 18, 1.
- g. Animal stuffed, and shell, 6 in. Bad state.
S. America.
- d. Animal stuffed, and shell, 28 in.
S. America.
- e. Animal stuffed, and shell, 6½ in.
Galapagos Is. 55, 10, 16, 151. Presented by the Haslar Hospital.
- i. Young animal stuffed, and shell, 4½ in.
Galapagos Is.
- f. Animal stuffed, and shell, 7½ in.
S. America.
- h. Shell, 42 in. without sternum, very broad.
S. America. Presented by E. Cross, Esq.
- b. Shell of very young animal.
S. America. Presented by Dr. J. E. Gray.
- h'. Shell, 5½ in.
S. America.
- j. Shell, 5 in.
"Oregon." 55, 6, 18, 2.
- k. Skull, very large, 6½ in.
Testudo planiceps, *Gray, Cat. Sh. Rep.* p. 6, t. 3.
S. America.
- e. Skeleton of adult, ♀ ? Sternum flat.
S. America. 47, 8, 5, 27.

*** *Astrochelys*.

6. TESTUDO RADIATA, *Gray, Cat.* p. 9; *Suppl.* p. 5; *Append.* p. 4.
- ♂ Animal and shell, adult, stuffed. Thorax concave. Anal lobes thickened, bent up.
Madagascar. 46, 1, 22, 3.
- d. ♀. Young animal stuffed, and shell.
Madagascar. 40, 12, 12, 51.
- ♀ Skeleton of adult, and shell. Anal shields flat.
Madagascar. 58, 11, 5, 1.
- c. Shell of adult.
Madagascar. Presented by Gen. Hardwick.
- k. ♀. Like former, but dorsal shields worn, smooth.
Madagascar. 43, 12, 7, 36.
- a. Dorsal shield only, without sternum.
Madagascar. Presented by the Royal Society.
- i. Shell of adult.
Madagascar. 43, 12, 7, 42.

- g.* Shell, 11 in., of adult. Anal plates thickened. Sternum rather concave.
Madagascar. 55, 10, 16, 154. Presented by the Haslar Hospital.
- c'*. ♀. Shell of half-grown.
Madagascar. Presented by General Hardwicke.
- h.* Shell of adult, 12½ in. Sternum slightly concave. Anal notch very broad.
Madagascar.
- e.* Shell, 6 in., of young. Lost part of shields.
Madagascar. 48, 2, 1, 5.
- f.* Shell, 4½ in., of young. Lost part of shields.
Madagascar. 40, 6, 2, 70.

**** *Stigmochelys.*

7. TESTUDO PARDALIS, *Gray, Cat. p. 9; Supp. p. 6; Append. p. 4.*
- a.* Animal stuffed. Very old. Central vertebral plates rather convex. Sternum flat. Caudal plate produced. Length 17 in. ♀.
S. Africa. 54, 5, 4, 2. From the Zoological Society.
- b.* Animal stuffed, adult, 12½ in.
S. Africa.
- d.* Animal stuffed, adult.
S. Africa.
- e.* Stuffed animal, half-grown.
S. Africa. 51, 7, 9, 10.
- f.* Animal stuffed, very young. Areola large, yellow. Lost one vertebral plate.
Madagascar. 51, 8, 25, 15.
- g.* Stuffed animal, half-grown. Anal shield inflexed. ♂.
Central Africa. 68, 8, 11, 9. Presented by Capt. Speke.
- h.* Shell, adult. Sternum flat. Central vertebral shields elongated. Length 18 in. Caudal plate convex, inflexed. ♂.
Algoa Bay. 68, 7, 8, 1. Presented by — Dunsterville, Esq.
- b, c.* Young shell, without front lobe of sternum.
S. Africa.
- l.* Young, stuffed, 4 in.
S. Africa. 68, 2, 21, 45. Presented by Sir A. Smith.
- i.* Shell of young. Hinder margin expanded, lobed.
South Africa. 62, 6, 27, 1.
- j.* Shell of young. Anal shield flattish.
S. Africa. 48, 12, 7, 47.
- k.* Shell of very young. Areola large, reddish.
S. Africa. 48, 11, 10.

Genus 2. PELTASTES.

* *Peltonia*. Asia.

1. PELTASTES ELONGATUS, Gray,
- Cat. Suppl.*
- p. 9;
- Append.*
- p. 5.

Var. 1. *Body oblong, elongate.*

- a. Shell without animal, large and much worn,
- $10\frac{1}{2}$
- in. long. Thorax concave its whole length. Caudal plate inflexed.

Testudo elongata, *Blyth*.

Mergni, India. 56, 5, 6, 6.

Presented by Prof. Oldham.

- b. Adult animal. Shell
- $9\frac{1}{2}$
- in. long. Back worn. Sternum rather concave its whole length. Caudal plates inflexed. Anal lobes acute, with a deep angular notch between them.

Camboja. Mouhot. 60, 8, 28, 8.

- c. Animal and shell,
- $8\frac{1}{2}$
- in. Sternum flat. Scutellum grooved. Anal plate with a broad rounded-out margin. Tail very short.

♀.

India. 60, 8, 28, 2.

- d. Shell only, about
- $5\frac{1}{2}$
- in., half-grown. White, with a blackish ring round the eyebrow. Sternum quite flat. Anal plates rather elongate. Notch wide, acute.

Camboja. Mouhot. 61, 4, 12, 17.

- e. Animal and shell, 4 in. Very like former, but rather smaller. Las Mts. Mouhot. 62, 8, 18, 7.

Var. 2. *Body broad, depressed. Hinder lateral margin expanded, serrated.*

- f. Shell only,
- $9\frac{1}{2}$
- in. broad, very much worn and bleached. Sternum quite flat.

"T. elongata," *Theobald*.

Burmah. 67, 9, 18, 8.

Presented by W. Theobald, Esq.

- g. Shell,
- $5\frac{1}{2}$
- in., of half-grown. Broad, depressed. Margin rather dentated. Sternum flat.

Pegu. Theobald. 68, 5, 11, 8.

- h. Animal young, and shell,
- $3\frac{1}{2}$
- in. Pale brown. Areolæ black. Sternum flat. Claws 5-4.

Las Mts. Mouhot. 62, 8, 18, 9.

- i. Shell only, of young,
- $8\frac{1}{2}$
- in.

Burmah? Theobald. 68, 5, 11, 4.

- j. Shell only, 8 in.

Burmah? Theobald. 68, 5, 11, 5.

- k. Shell, 8 in., with legs of animal. Toes 5-4.

"T. Horsfieldii," *Oldham*.

India. 56, 5, 6, 7.

Presented by Prof. Oldham.

- l. Young, in spirit.

68, 4, 8, 187. Theobald.

2. PELTASTES PLATYNOTUS, *Gray, Cat. Suppl.* p. 8; *Append.* p. 5.

a. Shell of adult. Sternum flat. Anal notch angular, broad. Caudal plate broad, not inflexed.
 Burmah. Theobald. 68, 5, 11, 8.

b. Upper shell only, of adult, without sternum.
Emys platynota, Blyth.

Burmah. 67, 6, 18, 2. Presented by W. Theobald, Esq.

c. Shell, very young, with a strong rounded keel. Costal plates with two white spots on each margin. Length $1\frac{1}{2}$ in.
 Burmah. Theobald.

d. Shell alone, of half-grown, $4\frac{1}{2}$ in. long. Sternum quite flat. Anal notch angular.
 Burmah. Theobald. 68, 5, 11, 2.

3. PELTASTES STELLATUS, *Gray, Cat.* p. 7; *Suppl.* p. 8; *Append.* p. 5.

Var. 1. *Thorax oblong, elongate. Scutellum nearly flat.*

g. Animal, adult. Shell, length $10\frac{1}{2}$ in. Sternum flat. Anal notch angular, broad. ♀.
 India. Capt. Boyes. 48, 2, 1, 29.

h. Animal stuffed, adult. Shell, $9\frac{1}{2}$ in.; wants the left gular shield. Sternum flat. Anal shield straight. ♀.
 India. 48, 2, 9, 30.

f. Animal, adult. Shell, $7\frac{1}{2}$. Sternum slightly concave in the middle. Caudal plate convex, inflexed. ♂.
 India. 48, 2, 1, 32.

a. Animal stuffed. Shell, 7 in. Sternum flat.
 Ceylon. Presented by Dr. J. E. Gray.

i. Shell, $8\frac{1}{2}$ in. Sternum flat.
 India. 46, 5, 11, 21.

j. Shell, small. $8\frac{1}{2}$ in. Sternum flat.
 India. 65, 2, 12, 8. Presented by Charles Falconer, Esq.

k. Shell, 4 in., with remains of animal.
 Poonah. 68, 8, 28, 6. Presented by Dr. Leith.

l. Shell, $8\frac{1}{2}$ in.
T. elegans.
 India. 67, 4, 2, 128. Mus. Utrecht.

n. Animal and shell, adult, in spirits.
 India. Zool. Soc. 68, 6, 22, 1.

Var. 2. *Thorax oblong, elongate. Vertebral plates elevated, conical.*

e. Shell, $9\frac{1}{2}$ in., of adult.
 Philippine Islands. 54, 3, 14, 2.

o. Animal stuffed, adult. Shell, $8\frac{1}{2}$ in., with one additional vertebral plate.

P. stellata, var. actinoides, Gray, Cat. Suppl. p. 8.
 Ceylon. Zool. Soc.

Var. 3. *Thorax subhemispherical. Scutellum nearly flat.*

- p.* Thorax only, $9\frac{1}{2}$ in.
 Scinde. 69, 8, 28, 6. Presented by Dr. Leith.
- m.* Thorax only, 9 in.; lost one pectoral plate.
T. stellata, var. elegans, Gray, Cat. Suppl. p. 8.
 India. 46, 11, 22, 44.
- b.* Thorax only, $4\frac{1}{2}$ in.
T. stellata, var. maura, Gray, Cat. Suppl. p. 8.
 India.
- c.* Back of shell, $2\frac{1}{2}$ in. Yellow, blackish margin to shields.
T. elegans, Schæpf. t. 25, f. 1.
T. elongata, Seba; Gray.
 India. 43, 2, 29, 6.
- q.* Young animal and shell, in spirit.
 Ganjam, India. 70, 5, 18, 67. Presented by F. Day, Esq.
- d.* Shell, 2 in. Black, with four broad rays.
 India. 43, 2, 29.
- r.* Young animal, and shell, 2 in. Very dark.
 India. 49, 5, 25, 5.
- s.* Shell only, of young, $2\frac{1}{2}$ in.; lost a few marginal plates.
 India. 51, 2, 6, 8. Presented by Dr. J. E. Gray.

4. *PELTAESTES FORSTENII, Gray, Cat. Suppl.* p. 6; *Append.* p. 5.

- a.* Animal stuffed, from spirits. Sternum flat.
P. Forstenii, Gray, P. Z. S. t. p.
 Boliachota, N. Sumalatta. Dr. Meyer. 72, 4, 6, 116.

** *Chersinella. Africa.*

5. *PELTAESTES GEOMETRICUS, Gray, Cat.* p. 8; *Suppl.* p. 9; *Append.* p. 5. *Tortoises, &c., t. 11, 12 (life).*

Var. *Vertebral shields nearly flat.*

- s.* Skeleton and shell, $2\frac{1}{2}$ in. Sternum probably false.
 Africa. From Mus. Utrecht. 67, 4, 2, 127.
- d.* Shell, wanting front of sternum, $4\frac{1}{2}$ in. Sternum concave.
 Caudal plate very convex and inflexed.
 Africa.
- e & f.* Shells, adult, $4\frac{1}{2}$ in. Caudal plate convex. Sternum concave.
 Africa. 67, 4, 2, 115, & 120.
- g.* Shell, smaller, $3\frac{1}{2}$ in. Caudal plate convex. Sternum flat.
 Africa. 67, 4, 2, 149.
- b & c.* Two young shells, wanting front of sternum.
- k.* Young shell, $2\frac{1}{2}$ in.
 Africa. 43, 2, 28, 9.

7
l. Young animal, $2\frac{1}{2}$ in.
 Africa. 42, 12, 19, 2.

m, n, o, p, q, r. Shells, young, about 3 in.
 Africa. 42, 4, 2, 117, & 122, 123, 125, 126, 150.

t. Shell, without plates; lost front lobe of sternum. Nuchal plate none!
 Africa. 52, 1, 23, 45.

Var. *The vertebral shields elevated, conical.*

g. Shell, $4\frac{1}{2}$ in., of adult.
 Africa.

a. Shell, 5 in., of adult; wanting front lobe of sternum.
 Africa.

f. Shell of adult. Colour and form as *P. tentorius*.
 Africa. Presented by General Hardwicke.

e. Shell, $4\frac{1}{2}$ in., of adult. Caudal plate much inflexed. Wanting front of sternum.
 Africa. Dr. Mantell. 41, 1, 12, 30.

h—m. Six shells, different ages; one wanting front of sternum.
 Africa. 67, 4, 2, 116, & 118, 119, 124, 121, 114.

n. Upper shell of adult, without sternum. Vertebral shields very slightly convex.
 Africa. 67, 4, 2, 151.

6. *PELTASTES TENTORIUS*, *Gray*, *Cat.* p. 8; *Suppl.* p. 9; *Append.* p. 5.
Tortoises, &c., t. 14 (life).

a. Shell of adult, 5 in.
 Cape of Good Hope. Presented by R. Brown, Esq.

b. Shell, small, $3\frac{1}{2}$ in.
 Cape of Good Hope. Presented by R. Brown, Esq.

h. Shell, adult, 4 in.
 S. Africa. 45, 6, 4, 4.

d, e, f, g. Shells, two adult, two younger.
 Cape of Good Hope. 52, 7, 12, 1, 2, 3, 4.

c. Shell, rather smaller, $8\frac{1}{2}$ in. Caudal plate convex, and bent inwards.
 S. Africa.

i. Shell, adult, 4 in.
 Albany, Mus. Grahamstown.

j. Shell, young, $2\frac{1}{2}$ in. Front lobe wanting.
 S. Africa. 67, 4, 2, 130.

k. Shell, $2\frac{1}{2}$ in.
 Mauritius. 42, 12, 19, 3. Presented by Lady F. Cole.

7. *PELTASTES VERROXII*, Gray, *Cat.* p. 8; *Suppl.* p. 9; *Append.* p. 5.

a. Animal stuffed, $4\frac{1}{2}$ in. Caudal plate broad, expanded.
S. Africa. Warwick. 47, 8, 5, 20.

8. *PELTASTES SEMISERRATUS*, Gray, *Cat.* p. 9; *Suppl.* p. 9; *Append.* p. 5.

a. Young animal and shell, in spirits.
Cape of Good Hope. 58, 11, 25, 178. Presented by Sir A. Smith.

a. Adult stuffed.
S. Africa. 89, 10, 5, 1.

b. Adult stuffed.
S. Africa. 89, 10, 5, 2.

c. Adult stuffed.
S. Africa. 89, 10, 5, 3.

d. Shell, young.
S. Africa. 89, 10, 5, 4.

(All from the South African Museum).

f. Adult stuffed.
S. Africa. 62, 2, 21, 44. Presented by Sir A. Smith.

e. Shell, adult. Two extra conical prominent shields on hinder part of back.
S. Africa. 62, 6, 27, 3.

g. Shell, adult. Caudal plate very much inflexed.
S. Africa. 62, 6, 27, 2.

h. Shell, adult.
S. Africa. 62, 6, 27, 5.

i. Shell, half-grown.
S. Africa. 62, 6, 27, 6.

j, k, l. Three shells, without front lobe of sternum.
S. Africa.

Var. *Shell depressed.*

m. Shell bleached; without any front lobe.
S. Africa. 67, 4, 2, 129.

n. Shell bleached. Caudal plate broad, very much inflexed, and convex.
S. Africa. 62, 6, 27, 4.

9. *PELTASTES MARGINATUS*, Gray, *Cat.* p. 11; *Suppl.* p. 10; *Append.* p. 6. *Tortoises, &c.* t. 15 (life).

a. Shell, ♂. Middle of sternum concave. Anal notch broad, shallow, slender, margined. Caudal plate much produced.
Greece. Parreyss. 46, 6, 16, 65.

d. Stuffed, young, $8\frac{1}{4}$ in. Margin produced. Sternum flat. Pale colour.

Peltastes marginatus, var. *melas*, *P. Z. S.* 1870, p. 657.
Greece. Parry. Presented by Dr. J. E. Gray.

b. Upper shell only, like former.
Greece. Parry. 57, 1, 8, 8.

c. Animal and shell. Sternum flat. Hinder marginal plates moderately expanded. Caudal plate broad, inflexed.
Testudo Whitei, *Bennett in White's 'Selborne.'*
S. Europe. 58, 4, 17, 1. Presented by Mrs. Christopher.

e & f. Animals and shells, like *a.*
Shores of Mediterranean. 55, 10, 16, 152, & 153.
Presented by the Haslar Hospital.
It is doubtful if this is not *P. græca*.

g. Upper shell only, $9\frac{3}{4}$ in.
S. Europe. 67, 4, 2, 108.

10. *PELTASTES LEITHII*, *Gray, Cat. Suppl.* p. 11.

a. Shell only, $4\frac{1}{2}$ in.
Testudo Leithii, *Günther, P. Z. S.* 1869, p. 502, f. 1—4.
Peltastes Leithii, *Gray, Cat. Suppl.* p. 11, f. 8—6.
Scinde. Presented by Dr. Leith.

11. *PELTASTES GRÆCUS*, *Gray, Cat.* p. 10; *Suppl.* p. 12; *Append.* p. 6.
Tortoises, &c., t. 14 (life).

d. Animal and shell, 6 in. Sternum nearly flat.
S. Europe. 48, 8, 29, 11.

e. Like former.
S. Europe.

m. Animal and shell, like former.
S. Europe. 49, 5, 16, 1. Presented by Dr. J. E. Gray.

d'. Animal and shell, $7\frac{1}{2}$ in. Sternum nearly flat.
S. Europe. From the Zool. Soc. 72, 4, 29, 14.

a. Shell, $5\frac{1}{2}$ in. Wanting some plates.
S. Europe. 47, 8, 5, 17.

b. Shell, $6\frac{1}{2}$ in.
S. Europe. Presented by the Haslar Hospital.

c. Shell, $4\frac{1}{2}$ in. Sternum flat.
S. Europe. 67, 4, 2, 110.

i. Shell, $7\frac{1}{2}$ in. Sternum flat.
S. Europe. Presented by Gen. Hardwicke.

g. Shell, $6\frac{1}{2}$ in. Sternum flat.
S. Europe. 42, 10, 28, 11.

k. Skeleton and shell, $6\frac{1}{2}$ in. Sternum flat.
S. Europe. 46, 8, 17, 7.

l. Skeleton and shell, $6\frac{1}{2}$ in. Sternum flat.
S. Europe. 67, 4, 2, 106.

- m'*. Skeleton and shell, $6\frac{1}{2}$ in. Sternum flat.
S. Europe. 67, 4, 2, 182.
- n*. Skeleton and shell, $5\frac{1}{2}$ in. Sternum flat.
S. Europe. 67, 4, 2, 105.
- o*. Skeleton and shell, 6 in. Sternum flat.
S. Europe. 68, 2, 12, 20. Presented by C. Falconer, Esq.
- f*. Animal and shell, $6\frac{1}{2}$ in. Sternum flat.
S. Europe. 88, 1, 2, 1.
- h*. Shell only, 5 in.
S. Europe. Presented by Dr. J. E. Gray.
- p*. Shell only, pale, 5 in.
S. Europe. 67, 42, 102.
- t*. Animal and shell, $8\frac{1}{2}$ in.
S. Europe. 55, 10, 16, 156.
- j*. Skeleton and shell, $2\frac{1}{2}$ in.
S. Europe. 46, 8, 17, 9.
- q*. Animal and shell, $2\frac{1}{2}$ in.
S. Europe. Presented by Gen. Hardwicke.
- r*. Shell, 2 in.
S. Europe. 44, 3, 10, 6.
- s*. Shell, 2 in.
S. Europe. 49, 5, 25, 6.
- u*. Shell, 2 in.
S. Europe. 49, 11, 22, 11.
- v*. Animal and shell, in spirits.
S. Europe. 59, 7, 30, 5.
- w, x*. Two animals and shells, in spirits.
S. Europe. Presented by J. E. Gray, Esq.
- y, z*. Two animals in spirits.
S. Europe. 59, 7, 30, 32, & 34.

12. PELTASTES MAURITANICUS (*Peltastes græcus*, *var.*), *Gray, Cat.*
p. 10; *Suppl.* p. 10.

- a*. Animal and shell, 5 in. Sternum slightly concave. Caudal plate convex, inflexed.
S. Europe. Presented by Dr. J. E. Gray.
- b*. Shell only, $4\frac{1}{2}$ in. Like *a*.
S. Europe. Presented by Gen. Hardwicke.
- d*. Shell only, 3 in.
S. Europe. 67, 4, 2, 104.
- e*. Skeleton and shell, $6\frac{1}{2}$ in. Caudal plate convex.
S. Europe. 64, 49, 16, 5.
- f*. Shell only, $5\frac{1}{2}$ in. Caudal plate rather convex. Wanting some plates.
S. Europe.

- c. Animal and shell, $5\frac{1}{2}$ in.
S. Europe. Presented by Gen. Hardwicke.
- n. Shell only, $6\frac{1}{2}$ in. Caudal plate rather convex.
S. Europe. 67, 4, 2, 101.
- g. Animal dry, and shell, $4\frac{1}{2}$ in.
S. Europe. 67, 1, 3, 5.
- h. Upper shell only, 5 in. Caudal plate flat.
S. Europe. 67, 4, 2, 108.
- i. Shell only, 3 in. Wanting some plates. Pale, with a black spot on each areola.
S. Europe. 67, 4, 2, 107.
- Var. *Shell pale, with a black spot on each dorsal shield.*
- j. Young animal, in spirits.
Asia Minor. 66, 6, 15, 9. Presented by R. MacAndrew, Esq.
- k, l. Two young animals, in spirits.
Xanthus. 55, 10, 16, 22, & 23. Presented by the Haslar Hospital.
- m. Upper shell only, $3\frac{1}{2}$ in.
S. Europe.

*** *Centrochelys*. Africa.

13. PELTASTES SULCATUS, *Gray, Cat. p. 9; Suppl. p. 12; Append. p. 6. Tortoises, &c., t. 16, 17 (life). Sternum flat.*
- a. Animal and shell, half-grown.
Testudo Schœpfi, Rüppell.
Abyssinia. Dr. Rüppell.
- c. Shell and skeleton. Skull imperfect.
E. Africa. 65, 12, 21, 2.
- b. Dorsal shell only. Length 10 in.
S. Africa. 89, 12, 26, 69.

Genus 3. TESTUDINELLA.

1. TESTUDINELLA HORSFIELDII, *Gray, Cat. p. 7; Suppl. p. 12; Append. p. 6.*
- a. Animal stuffed.
Testudo Horsfieldii, Cat. Sh. Rep. t. 7, f. 1.
Afghanistan. Presented by East India Company.
- b. Shell, 4 in. Wanting front lobe of sternum.
Persia. Rud i Mil, Chuh Suyuk to Duruh. 73, 1, 7, 1.
Presented by Gen. Goldsmid.
- c. Shell, $2\frac{1}{2}$ in. Paler.
Persia, with former. 73, 1, 7, 2. Presented by Gen. Goldsmid.

Genus 4. PYXIS.

1. PYXIS ARACHNOIDES, *Gray, Cat. p. 14; Suppl. p. 18.*

a. Skeleton. Shell, $4\frac{1}{2}$ in.

Asia. Mus. Leyden. 61, 8, 20, 81.

Genus 5. CHERSINA.

1. CHERSINA ANGULATA, *Gray, Cat. p. 12; Suppl. p. 13; Append. p. 6. Tortoises, &c., t. 19 (life).*

a. Adult animal. Shell worn, $7\frac{1}{2}$ in.

S. Africa. Presented by Dr. J. E. Gray.

b, c. Animal and shell, $5\frac{1}{2}$ in.

S. Africa. Presented by R. Brown, Esq.

d. Shell of young, $4\frac{1}{2}$ in.

S. Africa. Presented by Dr. J. E. Gray.

e. Animal, half-grown, in spirits.

T. sculpta, Brandt.

S. Africa. 50, 12, 12.

f. Animal and shell.

S. Africa. 47, 8, 5, 18.

g. Animal and shell, $6\frac{1}{2}$ in.; stuffed. Sternum concave. Caudal plate inflexed, convex.

S. Africa.

h. Animal and shell, $6\frac{1}{2}$ in.; very dark. The sternum slightly concave. Caudal plate inflexed.

S. Africa. 47, 8, 5, 16.

i. Shell; sternum slightly concave. Caudal plate inflexed.

S. Africa. 46, 7, 5, 5.

j. Shell, $4\frac{1}{2}$ in. Caudal plate slightly convex. Sternum slightly concave.

S. Africa. 44, 2, 19, 2.

k—n. 4 shells, different ages.

S. Africa. Mus. Utrecht. 67, 4, 2, 97, ♂, & 98 ♀, 99, 100.

n'. One small specimen, young, wanting front lobe of sternum.

S. Africa. 67, 4, 2, 99.

o. Animal in spirit; adult.

S. Africa. Mus. Utrecht. 66, 8, 14, 216.

p. Animal in spirit; smaller.

S. Africa. Mus. Utrecht. 66, 8, 14, 218.

q. Skeleton. Sternum concave, caudal inflexed.

S. Africa. 9, 67, 4, 2, 52.

r. Skeleton. Sternum flat, and caudal plate slightly convex.

S. Africa. 67, 4, 2, 182.

- s. Skeleton. Sternum flat. Caudal plate thick, rather convex.
S. Africa. 6, 8, 17, 8.
t. Shell, bad state. Sternum concave. Caudal plate rather convex.
5½ in.
S. Africa. 57, 2, 8, 8.

Tribe 2. HOMOPINA.

Genus 6. HOMOPUS.

1. HOMOPUS SIGNATUS, *Gray, Cat. p. 11; Suppl. p. 13; Append. p. 6. Tortoises, &c., t. 20 (life).*
a. & b. Young, in spirit; larger, with a very concave sternum, but probably artificially produced by pressure of other specimens.
S. Africa. 48, 2, 29.
c. Adult shell, without front of sternum.
S. Africa. 57, 2, 8, 18.
2. HOMOPUS AREOLATUS, *Gray, Cat. p. 11; Suppl. p. 13; Append. p. 6. Tortoises, &c., t. 21 (life).*
a. Dry animal and shell; not good state.
C. of Good Hope. Presented by Robert Brown, Esq.
b. Shell, only 3½ in.
S. Africa. Presented by Dr. J. E. Gray.
c. Animal and shell.
S. Africa. S. A. Mus. 88, 6, 9, 12.
g. Animal, dry, in shell.
S. Africa. 62, 2, 21, 84. Presented by Sir A. Smith.
e. Animal and shell.
S. Africa. Zool. Soc. 51, 7, 9, 10.
d. Animal and shell, dry; length, 4 in.
S. Africa. 51, 8, 25, 25.
f. Shell, only 3½ in.
S. Africa. 42, 2, 19, 8.
h, i, j. Shells.
S. Africa.
k. Shell, with additional costal plates on one side.
S. Africa.
l. Shell, 8½. Sides of sternum very high.
S. Africa. Mus. Utrecht. 67, 4, 2, 109.
m. Shell, 8½ in. Very broad behind. Sternum rather convex.
S. Africa. Mus. Utrecht. 67, 4, 2, 111.
n, p. Shells, 3½ in. Rather depressed; wanting some plates.
S. Africa. 67, 4, 2, 110 & 112.
o. Shell and skin in spirit.
Cape of Good Hope. Parzudaki. 59, 9, 20, 24.

Tribe 3. KINIXYINA.

Genus 7. KINIXYS.

* *Kinothorax*.

1. *KINIXYS BELLIANA*, Gray, *Cat.* p. 18; *Suppl.* p. 18; *Append.* p. 6.
- a. Animal. Shell, $7\frac{1}{2}$ in. Much worn; yellow, with five well-developed front claws.
W. Africa. Presented by Dr. J. E. Gray.
- b. Animal. Areolæ dark. Sternum flat. Shell, $7\frac{1}{2}$ in.; brown-rayed, with only four front claws.
Gambia. 48, 12, 8, 2. Presented by T. Whitefield, Esq.
- c. Animal and shell in spirit; young. The second vertebral plate much broader than the first, and of about the same length. The third and fourth much shorter and much narrower, the fourth being smallest and narrowest.
W. Africa. 52, 7, 28, 26.
- d. Shell, 6 in., pale brown, with darker edges to the plates. Sternum flat.
W. Africa. 68, 10, 14, 1.
- e. Animal and shell, $5\frac{1}{2}$ in. Shell elongated, beautifully mottled with black. Sternum flat, with only four front claws.
West Africa. 48, 7, 28, 32.
- f. Shell, wanting the hinder dorsal lobe. Plates pale, with a dark areola. Sternum slightly concave between the abdominal plates.
Kinixys Spekii, Gray, *Ann. & Mag. Nat. Hist.*, 1863, p. 381; and *Suppl. Cat. Sh. Rep.*, p. 14.
Africa. 68, 8, 11, 8.
- g. Animal and shell, 7 in. (unstuffed), much worn. Sternum deeply concave.
Abyssinia. 65, 5, 8, 68.
- h. Shell only, $6\frac{1}{2}$ in. Much worn and discoloured. Sternum slightly concave in the middle.
Africa. 65, 5, 8, 69.
- i. Animal and shell, 7 in., dry, worn. Sternum flat.
Abyssinia, Anseba Valley, 4,000 ft. Blandford. 69, 11, 4, 47.
- j. Animal and shell, $6\frac{1}{2}$ in. (unstuffed). Sternum flat.
Abyssinia. 65, 5, 8, 67.
- k. Animal and shell, 6 in. (unstuffed), sulcated and radiated. Sternum flat.
Abyssinia, Anseba Valley. 69, 1, 8, 1.
- l. Animal and shell, $5\frac{1}{2}$ in. Back with pale areola, and dark margin to shields. Sternum flat.
Africa. 65, 5, 9, 17.

** *Kinixys*.2. *KINIXYS EROSA*, Gray, *Cat.* p. 13; *Suppl.* p. 14.

a. Shell, adult, $9\frac{1}{2}$ in., and fore feet. Thorax rather concave the whole length.

W. Africa. Gambia.

b. Shell, 6 in.

Kinixys castanea, Bell., *Linn. Trans.*, xv., t. 18.

W. Africa.

Presented by T. Bell, Esq.

c. Shell, 5 in. Sternum flat.

W. Africa. 43, 2, 29, 1.

d. Animal and shell in spirit; young.

Gaboon. 57, 10, 28, 7.

e. Animal and shell, in spirit; young.

Gaboon. 69, 2, 20, 1.

f. Adult shell, $10\frac{1}{2}$ in., with feet, worn. Sternum concave.

W. Africa. 63, 10, 8, 7.

g. Shell, $8\frac{1}{2}$ in. Sternum flat.

W. Africa. 63, 10, 8, 8.

h. Shell, $8\frac{1}{2}$ in. Very richly coloured, with pale rays. Sternum flat; last vertebral plate very convex in the lower part of the middle.

W. Africa. 63, 10, 8, 6.

i. Shell, $8\frac{1}{2}$ in., and skeleton. Sternum concave the whole length.

W. Africa. 70, 12, 28, 2.

3. *KINIXYS HOMEANA*, Gray, *Cat.* p. 13; *Suppl.* p. 14.

a. Shell only, $6\frac{1}{2}$ in. Sternum flat.

W. Africa. (Demerara?). Presented by Lieut. Matth. C. Friend.

b. Shell only, $6\frac{1}{2}$ in. The sternum deeply concave in the middle.

Africa. Cape Coast Castle.

Presented by Lieut. Matth. C. Friend, R. N.

Tribe 4. MANOURIANA.

Genus 8. MANOURIA.

1. *MANOURIA EMYIS*, Gray, *Cat.*, *Append.* p. 7. *M. fusca*, Gray, *Cat.* p. 16; *Suppl.* 15.

a. Shell, 16 in.; lost some of its plates. Hinder lateral margin scarcely expanded, caudal plate convex, and rather inflexed below. Front of sternum acutely notched behind, and slightly concave beneath.

M. fusca, Gray, *Cat. Sh. Rep.*, p. 16.

Penang. From the Zool. Soc.

- b. Shell only, 20 in. Hinder lateral margin much reflexed; caudal plates produced. Sternum rounded in front, slightly concave behind. Front and hinder lateral margin expanded; reflexed. Caudal plate flat, not bent in.

Geoemyda spinosa, *Cantor*.

Penang Hills. Dr. Cantor.

Presented by East Ind. Compy.

- c. Animal and shell, 16 in. Sternum quite flat. Front lobe, truncated, slightly notched. Hinder lobe notched, half the width of the preanal shields. Scales on feet and spines on thighs very large.

"Australia, R. Murray." Gould. 60, 11, 7, 1.

Genus 9. SCAPIA.

1. SCAPIA GIGANTEA, *Gray, Cat., Append. p. 8.* *S. falconeri*, *Gray Cat., Suppl. p. 7, f. 1* (skull).

Skull presented and then reclaimed by Dr. Charles Falconer; so no longer in the Museum.

Sub-order 2. STEGANOPODES.

Family 1. CISTUDINIDÆ. (Box Turtles).

Tribe 1. CISTUDININA.

Genus 1. CISTUDO.

* *Cistudo*.

1. CISTUDO CAROLINA, *Gray, Cat., Suppl. p. 19; Append. p. 10.* *Tortoises, &c., t. 22* (life).

- a. Animal stuffed. Shell, 5 in. Yellow, black-rayed; beneath brown. Sternum flat.

North America.

Presented by Dr. J. E. Gray.

- b. Animal stuffed. Shell, 4½ in. Black, spotted with yellow. Sternum flat.

N. America.

Presented by Dr. Jacob Green.

- c. Animal and shell, 3¼ in. Dry, discoloured from spirit.

N. America.

Presented by Gen. Hardwicke.

- i. Animal, dry. Shell, 5 in. Yellow, black-rayed.

N. America.

Presented by Gen. Hardwicke.

- j. Animal stuffed. Shell, 5 in. Brown, paler-rayed, with few yellow spots.

N. America.

- k. Animal stuffed. Shell, 4¼ in. Black, yellow-spotted, rather elongate, beneath brown. No nuchal shield.

N. America.

Presented by H. Doubleday, Esq.

- l. Animal. Shell, 6¼ in. Shields pale, darker-rayed.

N. America, Louisiana. Smith. 54, 7, 1, 9. Called the "Woodland and Cane-Brake" Tortoise.

- m.* Animal, dry. Shell black, with large yellow spots and rays.
Sternum concave in the middle. ♂.
N. America. 55, 12, 17, 9.
- n, o, p.* Animals stuffed. Shells. Large shields; pale. ♂.
N. America. Smith. 54, 7, 1, 11.
- s.* Animal, in spirits.
N. America. Zoological Society. 59, 5, 11, 6.
- q.* Skeleton and shell; wants lower jaw. Sternum convex behind,
concave in the middle. ♂.
N. America. 51, 8, 25, 26. Paris.
- t.* Skeleton and sternum, without plates. Shell, 5 in.
N. America. Günther. 59, 9, 6, 435.
- h.* Upper shell only, $4\frac{1}{2}$ in. Shields black, with large yellow spots.
N. America. 42, 2, 29, 6.
- g.* Upper shell only. Adult. Like *h*.
N. America.
- d.* Upper shell only. Adult. Shields pale; black-rayed.
N. America.
- c.* Upper shell only. Adult; wants some shields.
N. America.
- f.* Shell only, 4 in. Black. Sternum brown, with large yellow
marks.
N. America.

** *Onychotria*.

2. *CISTUDO MEXICANA*, Gray, *Cat.* p. 40; *Suppl.* p. 49.
- a.* Animal stuffed. Adult. Back high, compressed, shelving; plate
black, yellow-rayed.
Mexico. Warwick. 48, 7, 28, 30.
- b.* Animal stuffed. Adult. Shell oblong, evenly convex; plate
yellow, black-marbled. Sternum flat.
Mexico. Warwick. 48, 7, 28, 29.
- c.* Animal and shell, in spirits.
Mexico. Zool. Soc. 59, 5, 11, 4.

Tribe 2. LUTREMYNA.

Genus 2. CYSTOCLEMMYS.

1. *CYSTOCLEMMYS FLAVOMARGINATA*, Gray, *Cat., Suppl.* p. 20.
- a.* Animal, dry. Shell, $5\frac{1}{4}$ in. Elevated, thick, worn on the sur-
face.
Cuora trifasciata, specimen c. Gray, *Cat. Rep.*, p. 42. *Cuora*
flavomarginata, Günther, *Rep. B. Ind.*, t. 8, f. a.
China. Presented by T. Reeves, Esq.
- b.* Animal. Shell about 7 in.
Formosa. Swinhoe. 63, 2, 28, 8.

Genus 3. PYXIDEA.

1. PYXIDEA MOUHOTII, *Gray, Cat., Suppl.* p. 20.

a. Animal stuffed, and shell.

Cistudo Mouhotii, *Gray, Ann. & Mag. Nat. Hist.*, 1862, x, p. 157;

Günther, Rep. B. I., t. iv, f. d.

Siam. Lao Mts. Mouhot. 62, 8, 18, 12.

b, c, d, f. Animals and shells, different ages.

Siam. Lao Mountains. Mouhot. 62, 8, 18, 12, and 18, 15, 16, 18.

g. Animal and shell.

Siam. Lao Mts. 62, 12, 18, 14.

h. Shell only, $6\frac{1}{4}$ in.

Siam. 70, 11, 29, 53.

Presented by T. C. Jerdon, Esq.

Genus 4. NOTOCHELYS.

1. NOTOCHELYS PLATYNOTA, *Gray, Cat., Suppl.*, p. 21; *Append.* p. 10.

Cyclemys platynota, *Gray, Cat.*, p. 43.

a. Animal stuffed. Adult.

Emys platynota, *Gray, Illustr. Ind. Zool.*, t. 5.
Sumatra?

b, c, d. Animals stuffed. Adult and half-grown. Shells. Head yellow, varied with a broad yellow streak on each side of the nape; throat yellow-streaked.

Singapore. Wallace. 55, 5, 8, 3, 4 and 5.

f. Animal, very young. Shell very thin, with the black spot only very indistinctly marked.

Singapore. Wallace. 55, 5, 8, 7.

e. Shell only; young, with the ribs about half-closed; vertebral plate with two costal plates, with one raised black spot on the middle of the hinder edge of the nucleus.

Singapore. Wallace. 53, 5, 8, 6.

Genus 5. CUORA.

* *Cuora*.

1. CUORA AMBOINENSIS, *Gray, Cat.* p. 41; *Suppl.* p. 21; *Append.* p. 10. *Tortoises, &c.*, t. 23 (life).

a. Animal and shell, 7 in., stuffed, adult; rather elongate. Sternum white, with black blotches; concave in the centre.

Asia.

Presented by T. Bell, Esq., F.R.S.

b. Animal; young. Head and feet dry. Shell, $2\frac{3}{4}$ in. Broad, three-keeled.

III. *Ind. Zool.*, t. 6.

Asia.

Presented by Dr. J. E. Gray.

c. Animal and shell, in spirits; very young. With granular shields; the costal shields with a keel rather above the centre. Sternum white, black-marbled.

Philippine Islands. Cuming.

d. Animal and shell, half-grown, in spirits. Granular areola posterior, marginal. Sternum brown-varied.

Philippine Islands. Cuming.

e. Animal and shell, $8\frac{1}{2}$ in. Stuffed; half-grown. Singapore.

f. Animal and shell, in spirits; adult. Sternum white, with large black blotches.

Amboina. Mus. Leyden.

g. Animal and shell stuffed; half-grown.

Asiatic Islands. Warwick. 47, 3, 5, 21.

h. Animal and shell stuffed; adult. Ventricose, high.

Malacca. 46, 7, 27, 4.

Presented by Capt. Ince, R.N.

k. Animal and shell, dry; very young. Slightly three-keeled.

Asia. 44, 3, 30, 15.

m. Animal and shell; adult. ♂. Sternum pale, with black blotches; concave behind.

Gilolo. 60, 8, 27, 11.

n. Animal and shell, $7\frac{1}{2}$ in. Very ventricose and high. Sternum white, with black blotches.

Siam. 59, 7, 8, 3.

p. Animal and shell, in spirits; young. Sternum brown-varied.

Borneo. Bleeker. 63, 12, 4, 163.

q, r. Two animals and shells, in spirits; young.

Laguna de Bay. Dr. Meyer. 72, 8, 20, 79, 80.

s. Animal and shell, in spirits; young. Sternum black-blotched.

Borneo. 56, 9, 29, 4.

t. Animal and shell, in spirits. Sternum white, with a black blotch.

Celebes, N. Dr. Meyer. 72, 4, 6, 117.

u. Animal and shell; very young. Dry.

Siam. Mouhot.

v. Animal and shell, in spirits; very young.

"*Emys melanogaster*," Bleeker.

Borneo. Bleeker. 63, 12, 4, 121.

w. Animal and shell, in spirits; very young. Brown. Sternum dark, white on the sides.

"*Emys gastrotaenia*," Bleeker.

Borneo. Bleeker. 63, 12, 4, 48.

- a.* Animal and shell, $6\frac{1}{2}$ in., in spirits; adult. Very ventricose. Sternum flat.
 "Emys hypsilonotus," *Bleeker*.
 Borneo. *Bleeker*. 68, 12, 4, 189.
- i.* Skeleton and shell; adult.
 Amboina. Mus. Leyden. 48, 10, 31, 14.
- j.* Skeleton and shell; adult. Sternum slightly concave in the middle.
 E. Archipel. Mus. Utrecht. 67, 4, 2, 145.
- l.* Skeleton and shell; adult.
 Manado. 71, 9, 1, 52.
- o.* Shell, $8\frac{1}{2}$ in.; very much swollen. Sternum flat. Pale, with black blotches.
 E. Archipel. 69, 8, 6, 4.
- y.* Shell; lost plates, 8 in.
 E. Archipel. Mus. Utrecht.

** *Pyxiclemmys*.

2. CUORA TRIFASCIATA, *Gray, Cat.* p. 42; *Suppl.* p. 22.
- a.* Animal stuffed. Shell, 6 in.; subovate.
 China. Presented by J. Reeves, Esq.
- c.* Animal stuffed. Nuchal shield none. Shell oblong, like *a.*
 China. R. Inglis, Esq. Mus. Zool. Soc. 54, 5, 41. 6.
- f.* Animal, in spirits.
 China.
- d.* Upper shell only. Like *a.*
 China.
- b.* Very old, deformed. Shell much depressed and expanded.
 China. Presented by J. Reeves, Esq.

Genus 6. LUTREMYS.

1. LUTREMYS EUROPEA, *Gray, Cat.* p. 40; *Suppl.* p. 22.
- f.* Animal, young, in spirits. Shell black, yellow-spotted on edge of shields. Sternum black, pale-edged.
 "Emys pulchra," *Brandt*.
 Europe. M. Brandt. 51, 12, 9, 6.
- b.* Animal, dry. Shell, $6\frac{1}{2}$ in. Brown, yellow-dotted.
 Europe.
- c.* Animal, hinder half only; dry, young. Brown, paler-rayed.
 Testudo pulchella, *Schæppf*.
 Europe. Presented by T. Bell, Esq., F.R.S.
- d.* Animal, in spirits; young, white-dotted. Shell pale brown, brown-rayed.
 Albania. Presented by W. W. Saunders, Esq.

- g.* Animal stuffed; adult. Shell, $4\frac{1}{2}$ in. Yellow-rayed.
Europe. 58, 10, 16, 50. Presented by the Haslar Hospital.
- i.* Animal, in spirits.
Europe. Zool. Soc.
- k.* Animal; adult. Dorsal shell carious, covered with a thick, rough coat.
Europe. Presented by H.R.H. Prince Charles Bonaparte.
- o.* Animal, in spirits; young.
Europe. Zool. Soc. 60, 8, 31, 6.
- p.* Animal, in spirits; adult.
Europe. Zool. Soc.
- q, r.* Animals, in spirits; very young.
Venice. Presented by the Hon. A. Russell.
- h.* Skeleton and shell, $5\frac{1}{2}$ in., on board. Sternum slightly concave.
Europe. From Paris. 46, 4, 12, 4.
- l.* Skeleton of adult.
Europe.
- m.* Skeleton of adult.
Europe. Dr. Günther. 59, 9, 6, 482.
- n.* Skeleton of adult; mounted.
Europe.
- a.* Shell only of adult. Black, radiately yellow-dotted.
S. Europe.
- e.* Shell only, $5\frac{1}{2}$ in. Back convex, plates black, yellow-lined.
Europe. Zool. Soc. 54, 5, 4, 12.
- s.* Dorsal shield. Broken; in separate bones.
Europe. 55, 2, 13, 1. Presented by Jules Bourcier.
- t.* Dorsal shield only; young.
Europe.

Genus 7. CYCLEMYS.

1. CYCLEMYS DHOR, *Gray, Cat., Suppl.* p. 23. *Cyclemys dentata*,
Gray, Cat. p. 42; t. 19.
- a.* Animal, in spirits.
Java. Presented by T. Bell, Esq.
- b.* Young, in spirits.
Java. From Mus. Leyden.
- c.* Animal and shell, $2\frac{1}{2}$ in.; stuffed.
Lao Mts. Mouhot. 62, 8, 18, 20.
- f.* Animal, dry, and shell, $2\frac{3}{4}$ in.
Asia. 68, 10, 18, 10.
- j, k.* Two animals and shells, in spirits.
Pegu. Theobald. 68, 4, 3, 150, 151.
- i.* Head and shell, $2\frac{3}{4}$ in.
Sarawak. Wallace. 56, 9, 19, 21.

- d.* Skeleton of adult. Back rather convex. Front dorsal plate supernumerary, irregular. Broader plates rugose, radiated.
Cyclemys dentata, Gray, *Cat.* p. 42; t. 19.
 Java. 48, 10, 81, 15.
- c.* Skeleton and shell, $7\frac{1}{2}$ in.; very depressed. First dorsal plate narrow urceolate; plates worn.
 Java. Mus. Leyden.
- g.* Skeleton and shell, $2\frac{1}{2}$ in.; lost some plates.
 Hindostan. Theobald. 68, 4, 8, 168.
- h.* Shell, $4\frac{1}{2}$ in.; brown-varied. Areola black.
 Hindostan. Theobald. 68, 5, 11, 15.
- c.* Shell, $8\frac{1}{2}$ in. Like *h.*
 Hindostan. Theobald. 67, 6, 18, 6.
- d.* Shell, $2\frac{1}{2}$ in.; younger. Like *h.*
 Hindostan. Theobald. 67, 6, 18, 7.
2. *CYCLEMYS OLDHAMII*, Gray, *Cat.*, *Suppl.* p. 23. *Tortoises, &c.*, t. 25 (life).
- b.* Animal and shell, $7\frac{1}{2}$ in. Adult. Back slightly flattened. Sternum black.
 Lao Mts. Mouhot. 62, 8, 16, 10.
- c.* Animal, dry, and shell, $5\frac{1}{2}$ in.; back convex, flattened above. Brown marginal plates wide.
C. ovata, var, Gray, *Suppl. Cat. Sh. Rep.* p. 24.
 Asia. 63, 2, 21, 88. Presented by Sir A. Smith.
- d.* Animal and shell, in spirits; young.
 "Cistudo Diardi," Bleeker.
 Asia. 68, 12, 11, 164.
- a.* Adult and shell, 8 in.
Cyclemys Oldhamii, Günther, *Rep. B. I.* p. 15, t. 5, f. b.
 Mergui. Professor Oldham. 56, 5, 6, 1.
3. *CYCLEMYS OVATA*, Gray, *Cat.*, *Suppl.* p. 23.
- a.* Shell, adult, $7\frac{1}{2}$ in. Caudal plates slightly inflexed. Sternum quite flat.
Cyclemys ovata, Gray, *P. Z. S.*, 1863, p. 179, f. *Cat. Sh. Rep. Suppl.* p. 24, f. 9.
 Sarawak. 68, 6, 21, 1.
- b.* Upper shell, $7\frac{1}{2}$ in., and front half of sternum, in bad state wants two dorsal plates. First vertebral urn-shaped.
 E. Archipel. 69, 8, 6, 8.

Family 2. EMYDÆ.

Tribe 1. GEOEMYDINA.

Genus 1. GEOEMYDA.

1. *GEOEMYDA SPINOSA*, Gray, *Cat.* p. 16; *Suppl.* p. 25; *Append.* p. 10.
Tortoises, &c., t. 26, 27 (life).

- a.* Animal, male, stuffed. Shell, 8 in. Sternum concave.
Sumatra. River Anch.
- b.* Animal, young, in spirits. Sternum flat.
"Testudo Emys," *G. Muller*.
Sumatra. Mus. Leyden.
- c.* Animal stuffed. Shell, 4½ in. Sternum flat.
Penang. Singapore. Wallace. 55, 5, 8, 2.
- d.* Animal stuffed. Shell, 7½ in. Sternum concave.
Penang. Singapore. Wallace. 55, 5, 8, 1.
- e.* Animal and shell, 7½ in., stuffed. Sternum flat, tail short, caudal plates rather produced.
Sarawak. Wallace. 56, 9, 19, 18.
- f.* Animal, dry, and shell, 8½ in. Sternum flat.
Penang. 62, 8, 28, 1.
- h.* Animal, in spirits; young. Black spot on each centre plate, and on side of keel.
Borneo. 72, 2, 19, 61.
- g.* Shell, 6½ in. Sternum slightly concave its whole length. Male.
Sarawak. Wallace. 56, 9, 19, 19.
2. *GEOEMYDA GRANDIS*, *Gray*, *Cat. Suppl.* p. 25; *Append.* p. 11.
- a.* Animal and shell, 17 in. Sternum very concave, nearly the whole of its length.
G. grandis, *Günther C. Rep. B. I.* 19. t. 3, fig. a. b.
Camboja. Mouhot. 60, 8, 28, 1.
- c.* Animal and shell, 10 in. Sternum nearly flat; very slightly brown-lined.
Camboja. Mouhot. 61, 9, 1, 7.
- l.* Animal, very young. Shell, 8 in.
Camboja. Mouhot. 60, 8, 28, 2.
- g.* Animal, young, in spirits. Head with a white spot on the side of temple, at back of eye, continued in a streak on side of neck, and a similar streak below, from the angle of the mouth.
"Cistudo bankanensis," *Bleeker*.
Banka. Bleeker. 68, 12, 4, 120.
- b.* Shell, 18 in. Sternum flat, with numerous narrow, black-radiating lines.
India. Theobald. 68, 5, 11, 6.
- d.* Shell, 7 in. Under side with black areola, and closely black-rayed.
- f.* Upper shell only, 18½ in.
Asia. 69, 8, 6, 2.

Genus 2. NICORIA.

1. *NICORIA SPENGLERI*, *Gray*, *Cat.* p. 17; *Suppl.* p. 26; *Append.* p. 11.

- a.* Animal, dry. Shell, 4 in. Lost a few scales.
 China. Presented by J. R. Reeves, Esq.
- c.* Animal, adult, in spirits.
 China. 52, 9, 13, 50. From the Zool. Soc.
- b.* Shell only, half-grown; the ossification incomplete on the entire circumference, and plates wanting.
 China. 49, 8, 21, 1.

Genus. 3. GEOCLEMMYS.

* *Nanemys*.

1. GEOCLEMMYS GUTTATA, *Gray, Cat. p. 19; Suppl. p. 27; Append. p. 11. Tortoises, &c., t. 25 (life).*
- a.* Animal stuffed. Shell, 3½ in. Sternum nearly flat.
 N. America. Presented by H. Doubleday, Esq.
- b.* Animal, adult, dry. Shell. Spots on back, few and large.
 N. America. 44, 2, 19, 7.
- c.* Animal, adult, stuffed. Shell. Broad, depressed; spots few, large.
 N. America. 45, 8, 17, 28.
- d.* Animal, adult, stuffed. Shell. Body narrower, higher; spots numerous
 N. America. 45, 8, 25, 2.
- e.* Animal, adult, in spirits.
 N. America. 53, 11, 30, 5.
- f, g, & h.* Animals, adult, in spirits.
 N. America. 46, 5, 2, 7 & 8, 9. Presented by Dr. J. E. Gray.
- j.* Animal, in spirits, adult.
 N. America. Zool. Soc. 59, 5, 11, 2.
- k.* Animal, in spirits, adult.
 N. America. 65, 6, 7, 8. Presented by Capt. J. Anderson, U.S..
- l.* Skeleton and shell, 3½ in. Sternum rather concave.
 New Orleans. 52, 12, 8, 13. From Paris.
- i.* Skeleton of adult.
 N. America. Mus. Paris. 69, 1, 8, 1.

** *Calemys*.

3. GEOCLEMMYS MÜHLENBURGH, *Gray, Cat. p. 19; Suppl. p. 27; Append. p. 11.*
- a.* Animal stuffed. Shell, 3½ in. Sternum flat. Caudal plates slightly inflexed.
 North America. Zool. Soc.
- b.* Animal, adult, in spirits.
 N. America, Pennsylvania. 59, 9, 20, 25.

Genus 4. GLYPTEMYS.

1. GLYPTEMYS PULCHELLA, *Gray, Cat. p. 18; Suppl. p. 18; Append. p. 11,*
 - a. Animal, adult, stuffed. Shell, $6\frac{1}{2}$ in. Female. Sternum flat. North America, Pennsylvania. 52, 12, 8, 16.
 - c. Animal, in spirits, adult. United States. 65, 6, 7, 7. Presented by Capt. J. Anderson.
 - b. Skeleton of male. Sternum concave. North America, Pennsylvania. 52, 12, 8, 15.
 - c. Skeleton of female. Sternum flat. North America, Pennsylvania. 52, 12, 8, 14.
 - d. Skeleton, not set up. Male. Sternum concave. N. America. Dr. Günther. 59, 9, 6, 486.

Tribe 2. RHINOCLEMMYINA.

Genus 5. RHINOCLEMMYS.

1. RHINOCLEMMYS ANNULATA, *Gray, Cat. Suppl. p. 29; Append. p. 11.*
 - c. Animal and shell. Ecuador. Salvin. 64, 2, 19, 4.
 - d. Animal and shell, in spirits. Rhinoclemmys annulata, *Gray, P. Z. S. 1870, p. 724, f. 5 (head).* Gulf of Darien. 61, 11, 22, 8.
 - a. Shell, $7\frac{1}{2}$ in. Geoclemmys annulata, *Gray, P. Z. S. 1860, p. 231. t. f.* Rhinoclemmys annulata, *Gray, Cat. Suppl. p. 29.* Ecuador, Esmeralda. Salvin.
 - b. Shell. $7\frac{1}{2}$ in., partly imperfect. Ecuador, Esmeralda. Salvin.
2. RHINOCLEMMYS MEXICANA, *Gray, Cat. Suppl. p. 80; Append. p. 11.*
 - a. Animal stuffed. Shell, $6\frac{1}{2}$ in. Brown, with a pale spot on the centre of the areola of each plate; blackish below, with a pale margin to sternum. Rhinoclemmys Mexicana, *Gray, P. Z. S. 1870, p. 723, f. 4. (head).* 1871, p. 2, f. 4 (head). Mexico. 70, 6, 20, 1.
 - b. Shell, $6\frac{1}{2}$ in. Pale brown, with paler central spot, *Gray, P. Z. S. 1871, p. 296, t. 28, f. 1.* St. Juan del Rio. Rébouch. 71, 2, 7, 46.

HAND-LIST OF

- a.** Shell, younger, with dried skin of animal, $8\frac{1}{2}$ in. Dark brown, with yellow areola spots and black-edged yellow rings; crown of head with irregular, oblong, transverse spots. *Gray, P. Z. S.*, 1871, t. 28, f. 2.
St. Juan del Rio. Rébouch. 71, 2, 7, 45.
- 2. RHMOCLEMMYS SCABRA**, *Gray, Cat. Suppl.* p. 80; *Append.* p. 12, *Emys scabra, Gray, Cat.* p. 81.
- e.** Animal and shell, stuffed; very young, just hatched. Areola rugose, closely and minutely tubercular.
S. America. 44, 7, 4, 86.
- b, c.** Animals and shells, in spirits; young. Upper part of marginal plates with short, black, vermiculated lines; lower side yellow, with fewer similar tortuous lines on both sides of the body.
S. America.
- d.** Animal and shell, in spirits; adult. The lower part of the marginal plates pale; neck with line of small black dots. Bad state.
S. America. Zool. Soc.
- g.** Animal, dry. Shell, $5\frac{1}{2}$ in. Black, very rugose. Under side of margin of sternum white.
S. America. 65, 11, 30, 2,
- m.** Animal, in spirits. Shell about $2\frac{1}{2}$ in.
R. scabra, Gray, P. Z. S. 1870, p. 722, f. 2 (head).
S. America. 66, 8, 14, 23.
- n, o.** Two specimens, half-grown, in spirits.
Tropical America. 52, 7, 23, 24, 25.
- p.** Animal, in spirits; young. The lateral crown streaks appear more curved.
Tropical America. Mus. Utrecht. 66, , 14, 228.
- r.** Animal and shell, $6\frac{1}{2}$ in. Stuffed, black. Head elongate.
Venezuela. Gov. Rawson. 71, 12, 13, 2.
- s.** Animal, in spirits. Shell, $2\frac{1}{2}$ in. Streak on side of crown elongate.
British Guiana. 62, 12, 15, 37.
- f.** Skeleton and shell, 6 in. Black, under side and margin of sternum pale, yellowish.
Tropical America. Mus. Utrecht. 67, 4, 2, 159.
- i.** Skeleton and shell. $6\frac{1}{2}$ in. Black, under side of margin and sides of thorax white.
S. America. 58, 12, 30.
- j, k.** Two skeletons of very young.
S. America. Mus. Utrecht. 67, 4, 2, 173, 174.
- l.** Skeleton of very young.
S. America. Mus. Utrecht. 67, 5, 14, 3.

- e. Shell only, 5½ in. Black, lower margin and side of sternum pale yellowish.
 "Emys punctularia," Mus. Utrecht.
 Tropical America. Mus. Utrecht. 67, 4, 2, 155.
- h. Shell only, 8½ in. Blackish, areola pale. Sides of thorax and under margin pale or whitish.
 Emys punctularia.
 Tropical America. Mus. Utrecht. 67, 4, 2, 147.
- q. Shell only. 5 in. Above brown. Sternum brownish, yellow on side.
 Tropical America. Mus. Utrecht. 67, 4, 2, 144.
4. RHINOCEMYS MELANOSTERNA, Gray, Cat. Suppl. p. 81; Append. p. 12. Emys dorsalis, Gray, Cat. p. 82, t. 14, a.
- a. Animal, adult; now stuffed.
 Emys dorsalis, Gray, Cat. Sh. Rep. t. 14, a. (Animal). (Not Spix).
 New Granada. G. O. Goodridge, Esq. Presented by the Admiralty.
- b. Animal, dry, in shell, 5 in.
 Chirambira. 60, 11, 22, 8.
5. RHINOCEMYS LUNATA.
 Rhinoclemmys scabra, Gray, Cat. Sh. Rep. p. 30.
 Rh. scabra, var? Gray, P. Z. S. 1870, p. 723, f. 3 (head).
- a & b. Animals, in spirits; brown. Thorax black, with pale margin. Head with a diverging streak on each side, which is united across the forehead.
 Rhinoclemmys scabra, var., Gray, P. Z. S. 1870, p. 723, f. 3 (head).
 Tropical America. 66, 8, 14, 227.
- c. Animal, adult; stuffed from spirits. Streaks and spots on head surrounded by a black margin.
 "Emys punctularia," Jeude.
 Tropical America. Mus. Utrecht. 66, 8, 14, 226.
6. RHINOCEMYS FRONTALIS, Gray, Ann. & Mag. Nat. Hist. 1878.
- a. Animal, stuffed, and shell, 7½ in.; from spirits.
 Rhinoclemmys frontalis, Gray, Ann. & Mag. N. H. 1878, xi. p. 144.
 Tropical America. 65, 3, 81, 4.
7. RHINOCEMYS PULCHERRIMA. Callichelys? pulcherrima, Gray, Cat. Suppl. p. 49; Append. p. 15.
- a. Animal and shell; stuffed; young; shields very thin, smooth, nearly transparent.
 Emys pulcherrima, Gray, Cat. p. 25, t. 23, f. 1, 2.
 Rhinoclemmys pulcherrima, Gray, Ann. & Mag. Nat. Hist. 1878, p. 145.
 Tropical America. Mexico. 51, 8, 25, 24.

8. RHINOCLEMMYS CALLOCEPHALA. *Geoclemmys callocephala*, Gray, *Cat. Suppl.* p. 27.

a. Adult animal and shell, 7 in. ; from spirits. Sternum convex. *Geoclemmys callocephala*, Gray, *Cat. Suppl.* p. 27, f. 19 (head). Tropical America.

9. RHINOCLEMMYS VENTRICOSA, Gray, *Ann. & Mag. N. H.* 1878, xi. p. 145.

a. Shell only; 12 in. *Rhinoclemmys ventricosa*, Gray, *Ann. & Mag. Nat. Hist.* 1878. Tropical America. Jude.

Tribe 8. MELANOCHELYINA.

Genus 6. MELANOCHELYS.

1. MELANOCHELYS TRIJUGA, Gray, *Cat. Suppl.* p. 88; *Append.* p. 18. *Emys trijuga*, Gray, *Cat.* p. 20. *Geoclemmys* Sebae, Gray, *Cat.* p. 18.

a. Animal and shell, 6 in. Black, three-keeled. Under side of marginal plates with pale blotches. Edge of sternum yellow. Dorsal keels black.

Compared with the specimen in the Paris Mus.

India. Presented by Dr. J. E. Gray.

e. Animal, young; rather older than "a." Trincomalee. Presented by Mr. Edward Gerrard.

d. Animal, in spirits; black. Reddish on sides of sternum, head black, white-spotted; spots on sides of head rather the largest. Ceylon. 58, 10, 19, 54.

m. Animal, young, in spirits. Keels of back and edge of back yellow. Sternum black, with broad yellow sides. Ceylon. Cuming. 58, 8, 34, 14.

n. Animal, young, in spirits. Like "m." Ceylon. 68, 8, 17, 40.

l & o. Two animals, young, in spirits. Like "m." Ceylon. 69, 7, 24, 5, 6. Presented by H. Barnes, Esq.

q. Animal, in spirits. Shell, 3 in. Ceylon. 58, 10, 19, 56.

r. Animal, in spirits. Shell about 5 in.; brown. Above and below rather darker in central dorsal plates. India. 72, 12, 29, 1.

b. Skeleton of adult. Under side of margin and edge of sternum black; dorsal keels yellow, margin of shell not revolute. Head broad, large forehead, rather convex. (A male?)

"*Emys Hermannii*," Schw? Mus. Vienna. India. Mus. Vienna.

- c. Skeleton of adult. Margin of shell revolute. Head narrow, rather small, ♂ ?
 "Emys subtrijuga," Mus. Leyden.
 India ? Mus. Leyden.
- s. Skull only.
 M. trijuga, Gray, P. Z. S., 1869, p. 187, 7, f. 6.
 India. Presented by Prof. Oldham.
- t. Shell only, $6\frac{1}{2}$ in., wanting some marginal plates. Black, three-keeled. Sternum black, with slight indications of pale margin.
 Ceylon ? 52, 5, 9, 48.
- p. Shell only, $5\frac{1}{2}$ in. Black, with three orange-edged keels.
 Emys trijuga, Gray, Cat., t. 4.
 India. Presented by Dr. Gray.
- f. Shell only, adult, 11 in. Black, three lines above. Outer margin and edge of sternum yellow. Sternum flat.
 India. Theobald. 68, 5, 11, 9.
- g. Shell only, 8 in. Black, three yellow keels, side of sternum yellow, under side of margin yellow-blotched. First vertebral square.
 India ?
- h. Shell, 9 in. In bad state, blackish. First vertebral elongate, urceolate.
 M. Sebæ, Gray, Cat. Suppl. p. 84.
 India, in tank. 65, 5, 20, 4. Presented by the Hon. J. Dormer.
- i. Shell, $7\frac{1}{2}$ in., very solid; thick, blackish. Sternum with a yellow line on each side. First vertebral elongate, partly covered on the sides.
 M. Sebæ, Gray, Cat. Suppl. p. 84.
 Ceylon. Dr. Kelaart. 52, 5, 9, 4.
- j. Shell, $5\frac{1}{2}$ in.; brown. Under side darker.
 M. Sebæ, Gray, Cat. Suppl. p. 84.
 Poonah. 65, 5, 20, 5. Presented by the Hon. J. Dormer.
- k. Shell, young, $4\frac{1}{2}$ in. Pale brown. The sides of the sternum and under margin pale.
 M. Sebæ, Gray.
 Poonah. 69, 8, 28, 2. Presented by Dr. Leith.

Genus 7. SACALIA.

1. SACALIA BEALII, Gray, Cat. Suppl. p. 85; Append. p. 18.
- a. Animal stuffed; adult. Shell, $5\frac{1}{2}$ in. Under side with hard darker blotches.
 Emys Bealii, Gray, Cat. p. 21, t. 8.
 China. Presented by J. Reeves, Esq.
- b. Shell, adult, $4\frac{1}{2}$ in. Under side brown, dotted and lined.
 China. Presented by J. Reeves, Esq.

Genus 8. REDAMIA

1. REDAMIA OLIVACEA, *Gray, Cat. Suppl.* p. 86; *Append.* p. 18.

Emys nigra, Hallowell. *Proc. Acad. Nat. Sci. Phil.* 1854, p. 91.

a. Animal stuffed. Shell, $5\frac{1}{2}$ in.

Emys olivacea, *Gray, Cat.* p. 80; t. 12, c. *Ann. & Mag. Nat. Hist.* 1872.

Western parts of N. America.

Formerly erroneously believed to come from S. Europe.

Genus 9. DEIROCHELYS.

1. DEIROCHELYS RETICULARIA, *Gray, Cat. Suppl.* p. 89; *Append.* p. 18.

a. Animal and shell, $4\frac{1}{2}$ in.; stuffed from spirits.

N. America. *Zool. Soc.* 59, 5, 11, 8.

Genus 10. CHRYSEMYS.

- I. CHRYSEMYS PICTA, *Gray, Cat.* p. 32; *Suppl.* p. 89; *Append.* p. 18. *Ann. & Mag. Nat. Hist.* 1873, xi. p. 146.

a. Animal, dry, adult, and shell, $4\frac{1}{2}$ in. Front claws very long, slender.

N. America. *Mantell.* 41, 1, 12, 29.

b. Animal, dry, adult, and shell, $4\frac{1}{2}$ in.

N. America. Presented by Dr. J. E. Gray.

c. Animal, young, from spirits, and shell, $1\frac{1}{2}$ in.

Testudo cinerea, *Brown, Illustr. Zool. t.*

f. Animal stuffed, adult, and shell. Claws rather long, slender, acute.

N. America. Presented by H. Doubleday, Esq.

g, h. Animals stuffed; adult. Three middle claws of front feet very long, slender.

N. America. 45, 6, 28, 1, 2.

i. Animal and shell, adult, in spirits. Claws moderate, strong.

New York. Brandt.

j. Animal and shell, in spirits; half-grown. Claws moderate, strong, curved. Sternum with angular spots on inner edge, some having a pale-eyed spot in the centre.

New York. Brandt.

l. Animal stuffed, and shell, $6\frac{1}{2}$ in. Oblong, contracted on sides in front.

N. America. 58, 9, 9, 6.

- p.* Animal, in spirits; young.
N. America. Presented by E. Doubleday, Esq.
- u, v, w, x, y.* Five specimens, in spirits.
United States. 65, 6, 7, 1—5. Presented by Capt. J. Anderson.
- z.* Animal, in spirits.
United States. 58, 9, 8, 48. Presented by Odo Russell, Esq.
- s.* Skeleton and shell, 6 in.
United States. 65, 6, 7, 6. Presented by Capt. J. Anderson.
- d.* Shell, $4\frac{3}{4}$ in., of adult.
N. America.
- e.* Upper shell only, of adult.
N. America. Mantell. 41, 1, 12, 82.
- t.* Shell, $4\frac{3}{4}$ in.
"Pelomedusa galeata," *Jeude*.
N. America. *Jeude*. 67, 4, 2, 187.
2. *CHRYSEMYS BELLII*, *Gray, Cat.* p. 38; *Suppl.* p. 39. *Ann. & Mag. Nat. Hist.* 1873, xi. p. 147.
- p.* Animal and shell, in spirits; very young. Pale, edge to marginal shields not so distinct.
Actinemys marmorata, *Lord, Brit. Columb. II.* p. 301. (Not *Agassiz*).
Chrysemys Bellii, *Gray, P. Z. S.* 1873.
British Columbia, Walla-Walla. Presented by J. K. Lord, Esq.
- v.* Animal and shell, in spirits; adult. Dorsal shell much varied with small black spots.
"Emys marmorata," *Wagler*," *Brandt, Gray, Cat.* p. 78.
N. America, Mississippi. *Brandt*. 55, 12, 6, 8.
- v.* Skeleton and shell, $6\frac{1}{2}$ in. Sternum highly decorated.
N. America. *Zool. Soc.* 56, 2, 18, 52.
- o.* Shell only, 7 in.
N. America. 62, 12, 80, 18. Presented by J. K. Lord, Esq.
3. *CHRYSEMYS PULCHRA*, *Gray, Ann. & Mag. Nat. Hist.* 1873, xi. p. 147.
- k.* Animal stuffed, adult, and shell, $4\frac{3}{4}$ in. Sternum pale-coloured. Claws short, strong, curved.
N. America. 62, 6, 5, 1.
- m.* Animal stuffed, and shell, $6\frac{1}{2}$ in. Lateral sutural stripes rather broad. Sternum uniform. Claws short.
S. America. 52, 9, 8, 7.
- n.* Animal and shell, $4\frac{3}{4}$ in. Sternum with an obscure blotch. Claws long.
N. America. 62, 6, 5, 2.
- g.* Animal and shell, in spirits; adult.
N. America. *Zool. Soc.* 61, 8, 21, 5.

- r. Animal and shell, in spirits; adult.
Chrysemys Bellii, Gray, *Cat. Append.* p. 89.
 Mississippi. Brandt. 55, 12, 6, 9.
- s. Animal and shell, in spirits; adult.
 "Emys Oregonensis, Fitzinger," Brandt. Gray, *Cat. Sh. Rep.*
 p. 78, b.
- N. America. Mississippi, Brandt. 55, 4, 12, 8.
- t, v. Two adult animals and shells, in spirits.
 "Emys Oregonensis, Fitzinger," Brandt.
- N. America. Brandt. 55, 2, 6, 5 & 6.
- l. Shell, 5 in., of adult. Sternum with a large central dark blotch,
 pale-lined and dotted.
- N. America. 45, 11, 16, 5.

Tribe 4. EMYINA.

Genus 11. EMYS.

1. EMYS JAPONICA, Gray, *Cat.* p. 22; *Suppl.* p. 86; *Append.* p. 18.
- a, b. Animals, adult, and half-grown, in spirits.
 Japan. Mus. Leyden.
- c. Animal, in spirits; nearly adult.
 Japan. 65, 12, 20, 12.
2. EMYS CASPICA, Gray, *Cat.* p. 22; *Suppl.* p. 86; *Append.* p. 13.
Tortoises, &c., p. 31—32 (life).
- c. Animal stuffed, adult, and shell, 6½ in.
 S. Europe.
- d. Animal stuffed, adult, and shell, 5½ in. Shell and sternum pale,
 worn.
- Sicily. 44, 1, 1, 5. Presented by Dr. J. E. Gray.
- g. Animal stuffed, adult, and shell. All black, edge of nuchal shield
 elongate.
- S. Europe? Zool. Soc.
- o. Animal, in spirits, half-grown. Shell olive, with black-edged,
 branched red lines. Nuchal plate with a central streak. Fore-
 legs with three narrow streaks, and a streak down each toe.
- Emys caspica. var. arabica*, Gray, *Cat. Suppl.* p. 86.
- R. Kishon. Mt. Carmel. Tristram. 64, 8, 28, 51.
- m. Animal and shell, in spirits; young. Distinctly keeled.
 Xanthus. Presented by Sir C. Fellowes.
- k. Animal and shell, in spirits; young. Very indistinctly keeled.
Emys pannonica, Michaelles, Gray, *Cat. Suppl.* p. 86.
- Asia Minor. Presented by A. Christie, Esq.
- c. Animal, in spirits; young. Back nodulose, with two lateral
 keels.
- Asia Minor. Valley of the Meadows. R. MacAndrew, Esq.

p. Animal, in spirits; very young, with a lateral tubercular keel. Sternum black, with white spots and blotches.
Holy Land. Tristram. 64, 8, 23, 54.

n. Shell, $7\frac{1}{2}$ in., and part of dry animal. Red-brown, beneath black, with white spots on side of sternum, and white lines on lower side of marginal plates. Skull separate.

Emys Tristram, *Gray, Cat. Suppl.* p. 36 (skull).
Jabook River. Rev. H. B. Tristram. 64, 8, 23, 156.

*e**. Skeleton and shell of adult. Claws tall, elongate. Sternum black.
S. Europe. Mr. Alexander's Coll. 46, 11, 18, 33.

*f**. Skeleton and shell of adult. Like former.
S. Europe. Mr. Alexander's Coll. 46, 3, 17, 10.

*a**. Shell of adult, $4\frac{1}{2}$ in. Shell and sternum pale, worn.
Europe. Presented by T. Bell, Esq.

*b**. Shell of young, $2\frac{1}{2}$ in., with three nodulose keels. Sternum black.
S. Europe. Presented by Dr. J. E. Gray.

3. *EMYS FRASERI*, *Gray, Cat. Suppl.* p. 36. *Ann. & Mag. Nat. Hist.* 1873, p. 68, 69.

a. Animal and shell, 8 in.
Algiers. Purchased in Paris. 56, 9, 2, 12.

j. Animal and shell, in spirits; young.
Algiers. 51, 6, 22, 2. Presented by E. Doubleday, Esq.

h, i. Animals, in spirits; young. Like "*j.*" Olive, with a red stripe on each costal, beneath black, with white margins to sternum.

Emys Fraseri, *Gray, Cat. Suppl.* p. 36.
Algiers. L. Fraser. 46, 11, 4, 21, 22.

g. Animal and shell, in spirits. Like "*h,*" "*i,*" "*j.*"
Algiers. Tristram.

6. *EMYS FLAVIPES*, *Gray, Cat. Suppl.* p. 37.

a. Animal, in spirits. Temple spot large. Tympanum surrounded by a yellow ring.

Emys flavipes, *Gray, P. Z. S.* 1869, p. 643, t. 50.
Zoological Gardens. 71, 12, 22, 7.

b. Animal, in spirits. Temple spots smaller. Tympanum only with a yellow crescent on the upper edge.
Zool. Soc.

c. Animal, in spirits. Temple spots small. Tympanum indistinctly margined.
59, 5, 11, 2.

7. *EMYS LAMARIA*. Gray, *Cat. Suppl.* p. 87.

a & b. Animals and shells, in spirits.

Emys (*Mauremys*) *laniaria*, Gray, *P. Z. S.* 1869, p. 499, t. 38.
69, 12, 21, 8 & 4.

c & d. Animals, in spirits.

Sta. Martha. 72, 12, 18, 1 & 2.

Presented by Dr. J. E. Gray.

Genus 7. MAUREMYS.

1. *MAUREMYS FULIGINOSA*, Gray, *Cat. Suppl.* p. 35; *Append.* p. 18.

a. Animal stuffed, and shell, $4\frac{1}{8}$ in.

Emys fuliginosa, Gray, *P. Z. S.* 1860, p. 223, t. 30.
Zool. Soc. Believed to come from Egypt.

Genus 12. EMMENIA.

1. *EMMENIA GRAYI*, Gray, *Cat. Suppl.* p. 38.

b. Animal and shell. Young, in spirits. 50, 10, 21, 17.

Emys Caspica, a. Gray, *Cat.*, 23 v.
Euphrates Expedn. Col. Chesney.

a. Shell, $3\frac{3}{8}$ in. long.

Emys Grayi, Gunther, *P. Z. S.* 1869, p. 504, t. 38.
Bussora. 69, 8, 28, 4.

Genus 13. ERYMA.

1. *ERYMA LATICEPS*, Gray, *Cat. Suppl.* p. 45; *Append.* p. 14.

a. Animal and shell, $7\frac{1}{2}$ in.

Emys laticeps, Gray, *Cat. Sh. Rep.* t. ix.
W. Africa. Castany. 48, 8, 22, 6.

b. Animal and shell, $7\frac{1}{2}$ in. of adult.

W. Africa. Castany. 48, 8, 22.

j. Animal and shell, $5\frac{1}{2}$ in.

W. Africa. Castany. 48, 8, 22, 9.

c. Animal and shell, $6\frac{1}{2}$ in.

W. Africa. Castany. 48, 8, 22, 8.

d. Animal and shell, $8\frac{1}{2}$ in.; adult.

"*Emys Sigriz*."

Algeria. 58, 6, 1, 45.

e. Animal and shell, $5\frac{1}{2}$ in.; in spirits.

W. Africa?

g. Skeleton and shell, 6 in. Front claws elongate.

Emys marginata, Zool. Soc. *Cat.*
W. Africa.

Genus 14. ORLITIA.

1. *ORLITIA BORNEENSIS*.

Cistudo borneensis, Bleeker.

- a. Young animal, in spirits. Shell, 8 in.
Cistudo borneensis, *Bleeker, Ann. & Mag. Nat. Hist.* 1878.
Orlitia borneensis, *Gray*, 1878.
 Borneo, *Bleeker*. 68, 12, 4, 37.

III. BELLIANA.

15. BELLIA.

1. *Bellia crassicolis*, *Gray, Cat. Suppl.* p. 40.
Emys crassicolis, *Cat.* 20.
- b. Animal and shell, half-grown, in spirits.
 Sumatra. Mus Leyden.
- c. Animal stuffed. Shell, $6\frac{1}{2}$ in. worn. Keels on sides of sternum yellow.
 India. 47, 1, 18, 10.
- d. Animal stuffed. Shell, $6\frac{1}{2}$ in. worn. Uniform black, rather concave.
 India. 47, 1, 18, 10.
- e. Half-grown (in spirits). Shell brown, having a bronzed appearance, vertebral plates distorted. Head brown, with a white spot over and rather before each eye on the sides of the chin, and on each side of the nape surrounding the back edge of the tympanum, and indistinctly continued across the throat, a small white streak on the middle of the black tympanum.
 Sumatra. Mr. Bartlett's coll.
- h. Animal and shell, $8\frac{1}{2}$ in. ; stuffed.
 Siam. Mouhot. 59, 7, 8, 6.
- q. Animal and shell, in spirits ; bad state.
 Borneo. Presented by L. W. Dillwyn, Esq.
- l. Young, dried, black, $1\frac{1}{2}$ in. Head with a spot before the eye, three on the side of the head and a streak on each side of the back of the chin. The first vertebral plate elongate, tapering behind, the others square. *Gray, P. Z. S.*, 1868.
 India. 60, 8, 28, 7.
- n. Skeleton and bones of sternum (wants lower jaw).
 Borneo. 64, 9, 2, 47. Presented by Lewis Dillwyn, Esq.
- o. Skull, *Gray, P. Z. S.*, 1869, p. 198, f. 10.
 India. Presented by Prof. Oldham.
- p. Skull without lower jaw.
 India. Presented by Prof. Oldham.
- m. Skeleton and shell, $8\frac{1}{2}$ in., with all the shields on.
 "Clemmys Spengleri," *Jeude*.
 India. Mus. Jeude. 67, 45, 14, 2.
- a. Shell only, 5 in. Sternum brown, varied ; keeled on the sides.
 Sumatra. 65 a. Presented by T. Bell, Esq.
- f. Adult shell (very old).
 Ceylon. Dr. Kelaart.

g. Shell very old, worn, blackish, $6\frac{1}{2}$ in. ventricose.
Hindustan. Theobald. 68, 5, 11, 12.

i. j. k. Three shells, 7 in., $6\frac{1}{4}$ in., and $4\frac{1}{4}$ in.

"*Emys nigra*, Blyth," Oldham.

Bellia nuchalis, Gray, *Cat. Suppl.* p. 41.

India. Mergui. 56, 5, 6, 3, 4 and 8. Presented by Prof. Oldham.

III. MALACLEMMYDÆ.

Genus 1. MALACLEMMYS.

1. MALACLEMMYS CONCENTRICA, Gray, *Cat.* p. 37. *Suppl.* p. 42; *Append.* p. 13. *Tortoises, &c.* t. 33, 34, 35, 36 (life).

Var. 1. Head black-lined; limbs black-spotted; shield smooth, dorsal and sternal lines with well-defined dark ring.

a. Animal stuffed. Shell, $6\frac{1}{2}$ in. smooth, highly coloured. Head with large black lines on the cheeks.

N. America. Presented by Gen. T. Hardwicke.

Var. 2. Head black-speckled. Shield more or less deeply concentrically grooved with dark rings.

j. Animal half grown, dry.

N. America.

g. Shell only, $5\frac{1}{2}$ in., adult.

N. America.

Var. 3. Centrata. Head black-speckled; shield more or less deeply concentrically dark-grooved. Sternum and lower part of marginal plates black, dotted, and clouded.

Testudo centrata, Latr.

b. Animal stuffed. Shields concentrically grooved, and tubercularly keeled. Shell, $6\frac{1}{2}$ in.

N. America. 37, 5, 13, 3. Presented by the Earl of Derby.

c. Animal stuffed. Shields concentrically grooved. Shell, $6\frac{1}{2}$ in.

N. America. Presented by Gen. T. Hardwicke.

d. Animal stuffed. Shell, $6\frac{1}{2}$ in. Shields smooth, hinder costal plate distinctly ringed.

N. America. Presented by Gen. T. Hardwicke.

e. Animal, adult, in spirits.

N. America. 51, 4, 11, 15.

k. Animal, dry, adult, not good state. Back obtusely and interruptedly keeled, dorsal shield rugose, dark brown, sternum brown, with dark edge to the shields.

N. America. From the Zool Soc.

p. Animal in spirits, bad state.

N. America. Brandt. 56, 2, 6, 7.

i. Skeleton, mounted.

N. America. 54, 5, 4, 2.

- l. Skeleton, unmounted.
Malaclemmys concentrica, Gray, *P. Z. S.*, 1869, p. 192, f. (skull).
 N. America. Mus. Utrecht. 67, 4, 2, 155.
- m. Skeleton without sternal shield or lower jaw.
 N. America. Mus. Utrecht. 67, 4, 2, 154.
- n. Shell only, 6 in. Black above.
 N. America. 67, 5, 2, 312.
- f. Shell only, 6½ in.
 N. America.
- o. Sternum of young shell. Affixed to a back of a *Pelomedusa*.
 N. America. Mus. Utrecht. 67, 4, 2, 163.
- Var. 4. *tuberculifera*. The three central vertebral plates with a central tubercle, the hinder tubercle orbicular.
- h. Shell only, young. California.
Malaclemmys tuberculifera, Gray, *Cat. Tort. B. M.*
 N. America. Mr. J. Drummond.

Genus 2. DAMONIA.

1. *DAMONIA MACROCEPHALA*, Gray, *Cat. Suppl.* p. 43.
- a. Animal and shell, 4½ in.
Geoclemmys macrocephala, Gray, *P. Z. S.* 1859, 470, t. 21.
 Siam. Mouhot. 59, 7, 8, 4.
- b. Animal and shell, 3¾ in.
 Siam. Mouhot. 59, 7, 8, 5.
- h. Animal and shell, stuffed, 8½ in. Sternum flat.
 Camboja. Mouhot. 61, 6, 1, 7.
- i. Animal and shell, 2 in., dry. Very bluntly 3-keeled. Areola large, regularly punctate, with a brown margin above and white margin below.
 Camboja. Mouhot. 60, 8, 28, 6.
- g. Animal, young in spirit.
Cistudo gibbosa, Bleeker, *M.S.* 63, 12, 4, 38.
 Borneo.
- k. Animal in spirits. Mus. Utrecht.
Emys trijuga. Mus. Utrecht. 66, 8, 14, 232.
- a. Animal and shell, 5½ in. stuffed.
Damonia oblonga, Gray, *Ann. and Mag. Nat. Hist.* 1871, p. 367.
Cat. Append. p. 14.
 Batavia. 71, 12, 10, 2.
- e. Skeleton and shell, 6½ in., very obscurely keeled.
 "Emys subtrijuga." Mus. Leyden.
Emys trijuga skeleton, b. *Cat. Sh. Rep.* p. 20.
 Borneo. 48, 10, 31, 16.
- f. Skeleton and shell, 4 in. Back much ended.
 Siam? Mus. Utrecht. 67, 4, 2, 148.

j. Skeleton and shell, 6 in.
Skull, *Gray, P. Z. S.* 1862, p. 193. f. 8.
Asia. Mus. Utrecht. 67, 4, 2, 153.

c. Shell, $8\frac{1}{2}$ in.. with remains of animal
Siam. Mouhot. 59, 7, 8, 7.

d. Shell, $2\frac{1}{2}$ in.
Camboja. Mouhot. 61, 4, 12, 17.

4. *DAMONIA NIGRICANS*, *Gray, Cat. Suppl.* p. 44; *Append.* p. 14.

c. Animal stuffed. Shell, $4\frac{1}{2}$ in.
China. Zool. Soc.

a*. Animal, dry, from spirits. Shell, 8 in.
Emys mutica, *Cantor, Ann. Nat. Hist.* 1842.
E. nigricans, *Gray, Cat. Sh. Rep.*

China, Canton.

Presented by the Hon. E. I. Compy.

a. Shell only, $8\frac{1}{2}$ in.
Emys nigricans, *Gray, Cat.* p. 20, t. 6.
China.

Presented by J. R. Reeves, Esq.

5. *DAMONIA REEVESII*, *Gray, Cat. Suppl.* p. 44; *Append.* p. 14.
Geoclemys Reevesii, *Gray, Cat.* p. 18, t. v.

a. Animal dry. Shell, $2\frac{1}{2}$ in.
China.

Presented by T. R. Reeves, Esq.

c. Animal stuffed. Shell, 3 in.
Geoclemys Reevesii, *Gray, Cat.* p. 20, t. v.
China. Mr. Bartlett's Coll. 50, 11, 80, 16.

e. Adult, in spirits. Some black edges, white spots on side of head,
and a black-edged white streak on the upper part of the side of
the neck.
Zool. Soc. 56, 2, 15, 653.

g. Animal, very young, in spirits. Shell, $1\frac{3}{8}$ in. Upper side
covered with long fibres of Conferva.
The hairy tortoise of the Chinese. *Gray, Ann. & Mag. Nat. Hist.* 1873.

65, 10, 18, 7.

f. Animal, in spirits; adult. Shell, 5 in. Keels very short, obscure.
China, Blyth. 68, 7, 11, 1.

b. Shell, $2\frac{3}{4}$ in.
China.

Presented by J. R. Reeves, Esq.

d. Head and shell of adult, 4 in. Broken to pieces, and lost some
plates.
China.

**5. *DAMONIA HAMILTONII*, *Gray, Cat. Suppl.* p. 48; *Append.* p. 14.

a. Animal and shell stuffed, $2\frac{1}{2}$ in.
Emys Hamiltonii, *Gray, Ill. Ind. Zool.* t.
India.

- a.* Animal, in spirits.
India, Bengal. Picquot.
- b.* Animal stuffed, and shell.
India, Bengal. Picquot.
- d.* Animal, in spirits.
India. Zool. Soc. 52, 9, 10, 51.
- e.* Animal, in spirits.
India. Zool. Soc. 59, 9, 5, 1.
- c.* Skeleton, 2½ in.
India.

Genus 4. GRAPTEMYS.

1. GRAPTEMYS PSEUDOGEOGRAPHICA, *Gray, Cat. Suppl.* p. 45; *Append.* p. 14. *Tortoises, &c.*, 37, 38 (life).
 - a.* Animal stuffed. Shell, 7¼ in. Neck, temples, and lips with broad, distinct yellow streaks.
N. America. Presented by Dr. J. E. Gray.
 - b.* Animal stuffed. Shell, 7¼ in. Neck with many very narrow yellow lines; temples and frontal streaks narrow, lips dotted and lined.
N. America. M. Parzudaki's Coll. 43, 11, 18, 26.
 - c.* Animal stuffed. Shell, 9 in. Frontal, temporal, and labial streaks distinct. Like "*a.*"
N. America, Louisiana. Smith. 54, 7, 1, 4.
 - e.* Animal stuffed (large size). Shell, 9½ in. Frontal, temporal, and labial streaks narrow, with other parallel narrower lines. Somewhat similar to "*c.*"
N. America, Louisiana. Smith. 55, 12, 17, 11.
 - f.* Animal. Shell, 5 in. Back very high, compressed and shelving, sharply keeled, frontal and temporal streaks distinct, moderate; labial narrow, interrupted.
N. America, Louisiana. Smith. 54, 7, 1, 6.
 - d.* Animal and shell, 9 in.
Louisiana. Smith. 54, 7, 1, 5.
 - h.* Animal and shell, 9 in.
Louisiana. Smith. 55, 12, 17, 10.
 - g.* Animal and shell, 8 in. Like "*f.*"
Louisiana. Smith. 55, 12, 17, 14.
 - j.* Animal, in spirits.
Mississippi, N. America. Brandt. 55, 12, 6, 19.
2. GRAPTEMYS GEOGRAPHICA, *Gray, Cat. Suppl.* p. 45; *Append.* p. 14.
 - a.* Animal, half-grown, dry, from spirits. Claws slender, curved. Head small.
Emys Leseurii, Gray, Syn. Rep.
N. America.

- b. Animal, in spirits. Each costal plate with five or six irregular rings.
 Pennsylvania. Brandt. 56, 2, 6, 2.
 c. Skeleton and shell, $4\frac{1}{2}$ in. Claws very long and slender.
 Louisiana. Smith. 55, 12, 6, 11.

Tribe 4. PSEUDEMYDÆ.

Genus 1. PSEUDEMYS.

1. PSEUDEMYS SERRATA, *Gray, Cat. p. 84; Append. p. 14.*
 a. Animal stuffed, just hatched. Shell. The upper jaw distinctly bidentate. Head and jaws yellow-streaked.
 N. America.
 c. Animal and shell, $11\frac{1}{2}$ in.
 N. America. Zool. Soc.
 g. Animal and shell, in spirits; young.
 N. America. 58, 9, 8, 38. Presented by Odo Russell, Esq.
 e. Animal and shell stuffed, 11 in. Reddish brown, with large black marblings. Three middle claws elongate, very slender.
 N. America. 58, 5, 26, 8.
 b. Skeleton mounted. Shell, $10\frac{3}{8}$ in. Depressed; three front claws elongate.
 N. America.
 f. Skeleton and shell, 11 in. Depressed, small spots. Three front claws elongate.
 Skull, *Gray, P. Z. S. 1869, p. 206, f. 15.*
 N. America. 58, 5, 26, 8.
 d. Skeleton and shell, $9\frac{1}{2}$ in.
Emys rubiventris, ♂. French dealer.
 N. America. 37.
 2. PSEUDEMYS VENTRICOSA, *Gray, Cat. Suppl. p. 47; Append. p. 14.*
 a. Adult shell, $14\frac{1}{2}$ in.
Emys ventricosa, *Gray, Cat. p. 28, t. 14.*
 America? 48, 7, 28, 24.
 **
 3. PSEUDEMYS CONCINNA, *Gray, Cat. p. 84; Suppl. p. 47; Append. p. 14.*
 c. Animal stuffed, and shell, 9 in. Front claws very long, slender.
Emys concinna, *Holbrook. N. Amer. Herp. t. 19.*
 N. America. Louisiana. Smith. 55, 12, 17, 12.
 e. Animal and shell, 11 in.; rather swollen. Under side of lateral margin with a large brown circular spot on each suture, with a small, central, pale spot before each suture. Claws short.
 N. America, Louisiana. W. Smith. 60, 4, 22, 7.

- f.* Animal and shell, $12\frac{1}{2}$ in. Costal plates with a pale central cross-band. Claws short. Inferior lateral marginal plates with a large sutural spot with centre dot and rings.
Louisiana. W. Smith. 62, 4, 22, 6.
- h, i.* Two young animals, in spirits.
N. America. 58, 9, 8, 39—40. Presented by Odo Russell, Esq.
- g.* Skeleton and shell, $12\frac{1}{2}$ in. Dorsal shields varied, black, grey, and red. Under lateral marginal plates with a continuous black band, with a central pale band.
N. America. 58, 7, 29, 5.
4. *PSEUDEMYIS DECUSSATA*, Gray, *Cat.* p. 30; *Suppl.* p. 47; *Append.* p. 14. *Tortoises, &c.*, t. 39, 40 (life) discoloured.
- a.* Animal, not varied, yellow. Shell, 7 in. Sternum in a bad state from confinement in a menagerie.
West India Islands. Presented by Dr. J. E. Gray.
- k ?* Animal, very young, in spirits. Uniform pale yellow.
Tropical America.
- n.* Animal and shell stuffed, $2\frac{1}{2}$ in.
Tropical America. 54, 5, 4, 11.
- i.* Skeleton and shell, $9\frac{1}{2}$ in. Upper part of marginal shield with very indistinct, and lower part more distinct, square, annulated, sutural spots. Sternum with distinct, irregular-shaped, symmetrical rings.
Emys decussata, ♀. Mus. Paris.
St. Domingo. Coll., Paris. 52, 12, 3, 19.
- b.* Shell only, 7 in. Lost its colour. From animal in confinement.
America. West Indies.
- c.* Skeleton and shell, 11 in. Sternum and lower side of marginal plates with dark rings.
West Indies. Presented by Dr. J. E. Gray.
- l ?* Animal, very young ; dry. Shell uniform pale yellow.
Tropical America.
- e.* Shell only, $11\frac{1}{2}$ in. ; very ventricose. Sternal and lower side of marginal shield with large irregular rings ; some indistinct, large, oblong and sutural spots on the upper part of the marginal plates.
West Indies. 43, 12, 7, 45.
- f.* Shell only, 6 in. Sternum discoloured.
West Indies. 40, 2, 19, 8.
- g.* Shell only, 10 in. Sternum discoloured and eroded.
West Indies. From Zool. Gardens. 54, 5, 4, 14.
- h.* Shell only, $6\frac{1}{2}$ in. Back dark. Sternum much eroded.
West Indies. 54, 5, 4, 13. Presented by T. Bell, Esq.
- m.* Shell only, $8\frac{1}{2}$ in. ; rather depressed. Back dark brown ; upper part of the margin with obscure, lower with very distinct, oblong spots on the suture of the plates. Sternum with irregular-shaped symmetrical rings and scattered black spots.
West Indies. 43, 12, 7, 46. Presented by Dr. J. E. Gray.

Genus 2. TRACHEMYS.

1. TRACHEMYS HOLBROOKII, *Gray, Cat. Suppl.* p. 47. *Append.* p. 14.
 - b. Animal stuffed. Shell, $8\frac{1}{2}$ in. Sternal spots large, diffused in confinement.
N. America. M. Parzudaki. 55, 10, 26, 15.
 - h. Animal stuffed. Yellow streak from back of eye. Shell, $7\frac{1}{2}$ in. Sternum black-spotted.
Louisiana. W. Smith. 55, 12, 17, 18.
 - g. Animal, in spirits. Sternal spots large solid, diffused, the hinder subconfluent.
N. America. Brandt. 55, 4, 12, 5.
 - c. Animal half-grown, in spirits. Three middle front claws elongate; sternal spots round, solid; band on the symphysis solid, black, interrupted in front.
N. America, Ohio. Mus. Leyden.
 - d. Animal stuffed. Streak from eye broad. Shell, 4 in. Spots on sternum solid, distinct, very like "e."
N. America, Louisiana. Smith. 54, 7, 1, 8.
 - e. Animal and shell, in spirits; young. Sternal spots annular, distinct only where the plate is deficient.
N. Orleans. 45, 4, 7.
 - f. Animal and shell, in spirits; very young. Sternal spots annular, brown, with a double marginal dark ring on the edge of the gular and middle of the other plates.
Emys Holbrookii, *Gray, Cat.* p. 25, t. 15, t. 1.
N. America.
 - k. Animal and shell, in spirits; young.
Emys sanguinolenta, *Gray, Cat.* t. 15, f. 1.
N. America. 51, 3, 14, 1. Presented by Dr. J. E. Gray.
 - b. Animal and shell, in spirits; very large. Sternal spots solid.
N. America. 55, 12, 6, 12.
 - m. Animal and shell, in spirits; large. Sternal spots indistinct, united, diffused.
N. America. 56, 11, 28, 12.
 - v. Skeleton not set up, and shell, 10 in.
Emys decussata, *Günther*, MS.
T. Holbrookii, *Gray, P. Z. S.* 1869, p. 207, f. 16 (skull).
N. America. *Günther*. 59, 9, 6, 434.
 - i. Skeleton and shell, $9\frac{1}{2}$ in. Sternum contracted at the hinder part of the abdominal plates. Hinder sternal plates irregular.
N. America. French dealer. 58, 12, 6.
 - a. Shell only, 6 in. Sternal spots subannular.
N. America, California. Drummond.
 - n. Animal, in spirits, middle size. Sternal spots subannulated, irregularly-shaped.
N. America. Fraser. 60, 6, 18, 12.

c. Animal in spirits ; half-grown.
N. America.

1* *TRACHEMYS LINEATA*, Gray, *Ann. & Mag. Nat. Hist.* 1878.

a. Adult. Animal in spirits. Spots on sternum large, solid.
N. America.

2. *TRACHEMYS SCRIPTA*, Gray, *Cat. Suppl.* p. 48. *Append.* p. 14.
Tortoises, t. 41, (life).

b. Animal. Temple with a large square spot at the back of the orbit. Sternum pale, with a solid spot on each gular, axillary, inguinal, and marginal shield. Shell 4 in. Front claws short, sternal spot solid.

N. America. Presented by Major Gen. T. Hardwicke.

c. Animal stuffed. Temple with a large square spot at the back of the orbit. Sternum pale, with regular subcentral black rings on each sternal plate. Shell 6½ in. Three middle front claws elongate. Sternum, lower margin with large black rings.

N. America. 48, 12, 6, 19.

f. Animal, in spirits ; young. Temple with a large, broad, erect, streak behind the eye, and a large triangular spot over the tympanum. Sternum pale, with a round solid spot on each gular, inguinal, and marginal plate, green.

N. America. 58, 12, 6, 46. Presented by the Zool. Soc.

a. Animal stuffed. Shell, 8½ in. Three middle front claws moderate, broken. Sternum with a solid black spot on each gular, axillary, inguinal, and marginal plate, and on one or two of the other sternal plates.

N. America.

a. Animal and shell, in spirits ; adult. Head and neck streaks very indistinct. Sternum black-speckled, with a large irregular spot on each shield ; three on each abdominal plate (when the horny shields are removed, only concentric rings are seen).

"E. Troostii." Mus. Loyden.

N. America, Cumberland River.

k. Animal, in spirits.

Mississippi. Brandt.

i, g. Animal, in spirits, young, with two spots on the front of the thorax.

N. America. 58, 4, 8, 41.

Presented by Odo Russell, Esq.

j. Animal, in spirits, with six spots in the front and two at the back of the thorax.

N. America. 58, 9, 8, 41.

Presented by Odo Russell, Esq.

l. Animal, in spirits ; very young. Gular or inner side of each pectoral plate with small black spots, left abdominal plate with a spot near the suture.

N. America.

- m.* Animal, in spirits; very young. Gular and post-gular each with a small black ring near outer margin.
N. America. 58, 9, 8, 4.
- g.* Shell only, 5 in.
"E. serrata." Mus. Utrecht.
N. America. Mus. Utrecht. 57, 2, 8, 18.
- h.* Back shell only, 6½ in.
"E. serrata." Mus. Utrecht.
N. America. Mus. Utrecht. 57, 2, 8, 14.
3. *TRACHEMYS RUGOSA*, Gray, *Cat. Suppl.* p. 48. *Append.* p. 15.
- a.* Animal stuffed. Shell, 9 in. Claws slender; sternum eroded.
West Indies. Zool. Soc.
- d.* Animal and shell, 8½ in.
W. Indies. Zool. Soc.
- h.* Animal, in spirits; large size. Sternum with large spots.
"Emys Troostii, Brandt." *Cat. Sh. Rep.*
Ohio. Brandt.
- i.* Animal, in spirits; adult. Shell olive, with broad black margin to plates, above and below.
W. Indies. 52, 12, 6, 18.
- k.* Animal, in spirits. The black marks on the margin of the dorsal and ventral shields very broad, covering almost the entire shield.
N. America. Brandt. 56, 2, 6, 8.
- j.* Animal and shell, 11 in.; ventricose, solid, dark brown. Sternum with no indication of variation.
Emys decussata, "j," Gray, *Cat.* p. 80.
St. Domingo.
- g.* Skeleton and shell, 7½ in.; rather light.
Emys decussata, ♂ French dealer.
St. Domingo. French dealer.
- b.* Skeleton of adult. Three middle front claws very long, slender, compressed.
Emys decussata. Mus. Paris.
St. Domingo. Mus. Paris.
- h.* Shell only, 10½ in.
Pseudemys decussata, "d," Gray, *Cat.* p. 80.
W. Indies.
- c.* Shell only, half-grown, pale.
W. Indies?
- a.* Shell, 7½ in. Back brown, closely black-dotted; sternum and under side of margin very closely spotted. Sternal shields dark-edged.
Emys vermicolata, Gray, *Cat.* t. xii. d.
W. Indies.

e. Shell only, $7\frac{1}{2}$ in., discoloured from confinement.

W. Indies. Zool. Soc. 48, 11, 1, 22.

f. Shell only, solid and heavy, 8 in.
W. Indies ?

8. TRACHEMYS RIVULATA ? *Emys rivulata*, Gray, Cat. p. 27 t. xi.

a. Shell, 11 in. Vertebral line depressed.
N. America.

4. TRACHEMYS ANNULIFERA.

Emys annulifera, Gray, Cat. Sh. Rep. p. 27.

a. Animal and shell, in spirits, very young.
Emys annulifera, Gray, Syn. Rep. p. 82.
N. America ?

Genus 3. CALLICHELYS.

1. CALLICHELYS ORNATA, Gray, Cat. Suppl. p. 48. Append. p. 15.

a. Animal stuffed. Shell, $6\frac{1}{2}$ in.
Tropical America.

e. Animal stuffed. Shell, 18 in. Costal shields longitudinally furrowed, dark coloured ; rings indistinct.
Mexico. 48, 7, 28, 26.

m. Animal stuffed. Shell, 18 in.
Tropical America. Zool. Soc. 53, 9, 17, 4.

j. Animal stuffed. Shell, 18 in.
Emys ornata, Gray, Cat. Sh. Rep. t. xii.
Tropical America. Zool. Soc. 51, 6, 2, 4.

k. Animal stuffed. Shell, $6\frac{1}{2}$ in. The nuchal streak on one side interrupted.
Mexico. 45, 7, 28, 27.

i. Animal dry. Shell, $5\frac{1}{2}$ in. Plates radiately striated.
W. Indies ? Scrivener. 44, 8, 20, 36.

h. Animal stuffed. Shell, $4\frac{1}{2}$ in. Plates radiately striated.
Mexico.

d. e. Animals, very young, in spirits. Areola of vertebral plates with a posterior central spot and lateral streak ; costal with a central spot rather below the centre, surrounded with three or four regular rings ; marginal plates with a spot on hinder margin and rings in front of it. Head yellow-lined, with two broader lines on its side.

Mazatlan. Presented by Alex. Collie, Esq., R.N.

f. Animal very young, in spirits exactly like "d" and "e."
Emys concinna, Dumeril. Mus. Paris.
New Orleans. Mus. Paris.

g. Animal, very young, in spirits.
Mexico.

c. n. Animals, very young, dry. Shells, $16\frac{1}{2}$ in.
Mexico. 45, 10, 5, 47.

s. Young animal, in spirits.
Mexico. 51, 7, 17, 221.

o. Animal, in spirits; adult.
Guatemala. Salvin. 64, 2, 19, 5.

p. Animal, in spirits; young, about $2\frac{1}{2}$ in. Back badly coloured.
America. Zool. Soc. 59, 10, 26, 7.

q. Animal, in spirits, young.
N. America. 58, 9, 9, 5. Presented by Odo Russell, Esq.

r. Animal, in spirits; young
N. America. Zool. Soc. 64, 2, 23, 2.

2. CALLICHELYS VENUSTA, Gray, Cat. Suppl. p. 49.

a. Animal stuffed. Shell, 12 in., very convex. Shields smooth, polished; dark rings well-marked.
Tropical America. 49, 12, 7, 4. Presented by Dr. J. E. Gray.

f. Animal stuffed. Shell, $10\frac{1}{2}$ in. Shields smoothish; sternal bands indistinct.
Honduras. 45, 10, 25, 19.

g. Animal stuffed. Shell, 11 in. Shields radiately striated and concentrically grooved; sternal bands indistinct.
N. America. Gardens. Zool. Soc.

h. Animal stuffed. Shell, 13 in. Back very dark, blackish brown; shields rugose; rings and sternal bands, indistinct from melanism.
Mexico. Warwick. 48, 7, 28, 25.

e. Animal. Shell, $8\frac{1}{2}$ in. Shields smooth; rings, concentric; regular sternal bands obliterated.

Emys venusta, Gray, Cat. 24. t. 12, 8.
Honduras. Dyson. 45, 8, 5, 26.

b. Shell only. Shields rather smooth; dark spots very distinct.
T. America.

c. Shell only, 7 in. Shields nearly smooth; sternal bands distinct.
T. America. 89, 12, 26, 70.

d. Shell only, 13 in. Shields rather furrowed; sternal bands distinct.
T. America. 44, 2, 17, 8.

3. CALLICHELYS CALLIROSTRIS, Gray, Cat. Suppl. p. 49.

a. Adult, Animal, and shell, $7\frac{1}{2}$ in.; stuffed.
Emys callirostris, Gray, Cat. 25. t. 12.
Tropical America. Haslar Hospital. 55, 10, 16, 5, 8.

a. Animal and shell, 12 in., stuffed, ♀.
Tehirantepec. San Mates. 71, 2, 7, 48.

b. Animal and shell, $11\frac{1}{2}$ in., stuffed, ♀.
Tehirantepec. San Mates. 71, 2, 7, 44.

Family 5. DERMATEMYDÆ.

Genus 1. DERMATEMYS.

1. DERMATEMYS MAWII, *Gray, Cat.* p. 49; *Suppl.* p. 50; *Append.* p. 15.

a. Shell only, 15½ in. Width, 11 in. Sternum 12½ in.

Dermatemys Mawii, *Gray, Cat. Sh. Rep.* t. xxi.

Mus. Zool. Soc.

2. DERMATEMYS SALVINII, *Gray, Cat. Suppl.* p. 50; *Append.* p. 16.

a. Animal, in spirits.

Dermatemys Salvini, *Gray, P. Z. S.* 1864, p. 126 (animal).

Guatemala. Salvin. 64, 2, 19, 6.

Family 6. BATAGURIDÆ.

Tribe 1. BATAGURINA.

Genus 1. BATAGUR.

1. BATAGUR BASKA, *Gray, Cat.* p. 85; *Suppl.* p. 52; *Append.* p. 17.

g. Animal stuffed, and shell, 18 in. Not quite full-grown, with three oval spaces on the lateral margin.

India, Ganges. 50, 11, 13, 16.

h. Animal stuffed, and shell, 19 in. More adult, only two very small spaces in lateral margin.

India, Ganges. 50, 11, 13, 17.

a. Animal stuffed; adult. Space between the ribs not quite closed.

B. Baska, *Gray, Cat.* p. 85, t. 16.

India, Ganges. Blyth.

b. Animal, young, in spirits.

Penang. Cantor. 66, 8, 19, 1415.

m. Skull, 4½ in.

T. Baska, *Gray, P. Z. S.* p. 199, f. 11; *Cat. Suppl.* p. 52, f. 8.

Ganges. 67, 9, 28, 7.

Presented by W. Theobald, Esq.

n. Young animal; in spirits.

Tetraonyx affinis, *Cantor.*

Penang. Cantor. 60, 8, 19, 1416.

c. Young animal, dried.

Tetraonyx affinis, *Cantor.*

Penang, Cantor. 60, 8, 19, 1448.

d. Shell only, 22 in. Much worn. Black; not in good state.

India. 66, 4, 25, 10.

Presented by Dr. Falconer.

e. Shell only, 22 in. Worn, black.

India. 66, 4, 25, 11.

Presented by Dr. Falconer.

f. Shell only, $19\frac{1}{2}$ in. Brown, good state.

Pegu. Theobald. 67, 12, 30, 59.

j. Shell only, 20 in. Brown, worn.

Moulmein. 56, 5, 6, 5.

k. Dorsal shell only, $19\frac{1}{2}$ in. Black; part of dorsal shields wanting.

India. 68, 2, 12, 18.

Presented by Dr. Falconer.

l. Head, in spirits.

India. 68, 4, 8, 143.

Genus 2. CALLAGUR.

1. CALLAGUR PICTA, *Gray, Cat. Suppl.* p. 53.

a. Animal and shell, $10\frac{1}{2}$ in. Not full-grown. Eight depressions on the sides, the second and fourth very large.

Batagur picta, *Gray, P. Z. S.* 1862, p. 264, t.

Sarawak. Wallace. 56, 9, 19, 21.

Tribe 2. KACHUGINA.

Genus 3. KACHUGA.

1. KACHUGA TRILINEATA, *Gray, Cat. Suppl.* p. 55; *Append.* p. 18.

a. Animal stuffed. Shell, $6\frac{3}{8}$ in. The second and third vertebral shields strongly keeled, ending in a tubercle behind, the fourth and fifth sharply keeled; nine depressions on each side.

Batagur lineata, *Gray, Cat.* p. 35, t. 17. Not *Syn. Rept.*

Nepaul. Boys.

f. Animal, adult, and shell, 20 in.; stuffed. Shell completely ossified, with three broad black marks. ♂. Head red on the sides.

Pegu. 67, 9, 28, 1.

Presented by W. Theobald, Esq.

d. Animal stuffed, and shell, $2\frac{3}{4}$ in., with nine small unossified spaces on each side. Sternum with a squarish cavity between the pectoral and abdominal plates, and a very small cavity between the preanal plates.

B. lineata, "*d.*" *Gray, Cat.* p. 36.

India. Boys. 48, 2, 1, 35.

i. Animal and shell, in spirits, $8\frac{1}{2}$ in. Vertebral plates with a brown keel; costal plates with a small spot on the hinder edge.

India. Zool. Soc. 67, 3, 8, 2.

j. Skull, 4 in.

Batagur lineata, *Gray, Cat. Sh. Rep.* t. xvii.

India, Nepaul. Boys. 48, 2, 1, 29.

k. Skull, $5\frac{1}{2}$ in.

Kachuga Peguensis, *Gray, Cat. P. Z. S.* 1869, p. 201, f. 12; *Cat. Suppl.* p. 55, f. 20.

Pegu.

Presented by W. Theobald.

- i. Skull, $5\frac{1}{2}$ in.
Kachuga trilineata, Gray, *P. Z. S.* 1869, p. 200, f. 13. *K. peguensis*,
 Gray, *Cat. Suppl.* p. 55, f. 20.
 India, Pegu. Theobald. 67, 9, 28, 4.
- b. Shell, $9\frac{1}{2}$ in. Vertebral plates obscurely keeled; sides not quite
 ossified, with five holes on each side.
 Saharumpore. 46, 7, 27, 7. Presented by Dr. Falconer.
- c. Shell of adult. Dark olive above; vertebral plates not keeled;
 sides quite ossified.
 Nepaul. Presented by B. H. Hodgson, Esq.
- e. Shell only, 12 in., with four large cavities, produced by youth,
 on each side.
Batagur trivittata, Dum. & Bib. Theobald.
 Hindostan, "Pegu?" 67, 9, 28, 3. Presented by W. Theobald, Esq.
- g. Shell only, 22 in. Blackish punctulated.
Batagur trivittata, ♀, adult. Theobald, *Journ. Lin. Soc.* 1868, x,
 p. 14.
 Pegu. Theobald. 68, 5, 11, 10.
- h. Shell only, 19 in. Pale brown, with three broad brown streaks.
 India. 68, 2, 12, 17. Presented by C. Falconer, Esq.
2. *KACHUGA FUSCA*, Gray, *Cat. Suppl.* p. 55.
- a. Shell only, 14 in., with four angular unossified spaces in the
 margin.
K. fusca, Gray, l. c.
B. trivittata, Theobald.
 Pegu. 67, 9, 28, 2. Presented by W. Theobald, Esq.
- b. Shell only, 17 in.; nearly adult.
 Nepaul. 45, 1, 12, 416. Presented by B. H. Hodgson, Esq.
3. *KACHUGA DENTATA*, Gray, *Cat. Suppl.* p. 56.
- a. Animal and shell, $2\frac{3}{4}$ in.
Batagur Elliotti, Gray, *P. Z. S.* 1862, p. 264. *Günther, Rep. B. I.*
 t. 8, f. a.
K. dentata, Gray, *Cat. Suppl.* p. 56.
 S. India. R. Kistna. 55, 12, 17, 15. Presented by Walter Elliot, Esq.
- b. Shell only, $2\frac{1}{2}$ in. Shields very little larger than the areola;
 second, third, and fourth vertebral plates with a brown tubercle,
 the second and third large.
B. lineata, "d," Gray, *Cat.* p. 86.
 India. Capt. Boys. 48, 2, 1, 37.
4. *KACHUGA MAJOR*, Gray, *Ann. & Mag. Nat. Hist.* 1873.
- a. Animal stuffed, and shell, $4\frac{1}{2}$ in.; very young. Ribs scarcely
 ossified, linear, rather wider near the vertebræ.
 India. 68, 10, 8, 11.

GENUS 4. DHOUGOKA.

1. *DHOUGOKA HARDWICKII*, *Gray, Cat. Suppl.* p. 57; *Append.* p. 18.
 - b. Shell only, approaching 13 in.: adult. The three streaks narrower, less distinct: vertebral plates obscurely keeled.
Emys DAVANCELLI, *Brown in Can. Zool. Soc.*
India. 54, 5, 4, 16. *Zool. Soc.*
 - c. Upper shell only, $4\frac{1}{2}$ in.: adult. Dorsal streaks wide. Second vertebral plate produced, angular behind.
Nepaul. 45, 13, 4, 17. Presented by B. H. Hodgson, Esq.
 - a. Animal stuffed. Shell, 6 in. Olive, with three black streaks, and sides of the back darker; vertebral plates keeled, second and third tubercular on the hinder edge; six holes on the sides.
Batagur dhougoka, *Gray, Cat.* p. 36, t. 18, f. 1
India, Ganges. *Sultanpore, N. Benares.* 48, 8, 18, 12.
 - d. Upper shell only, adult, 14 in. The second vertebral plate rather truncated.
Nepaul. 45, 1, 13, 418. Presented by B. H. Hodgson, Esq.
 - e. Skull, 4 in.
Batagur Dhougoka, *Gray, Cat.* t. xxxvi. f. 1.
Nepaul. Presented by B. H. Hodgson, Esq.
 - g. Shell, half-grown, narrow. Hinder edge serrated; second vertebral plate with a very distinct, acute, spine-like keel.
India. 56, 2, 15, 33.
 - h. Shell only, $7\frac{1}{2}$ in. Back with three streaks. Sides with seven holes.
Hindustan. *Theobald.* 68, 5, 11, 8.
 - i. Skull, $4\frac{1}{2}$ in.
India.

Genus 5. HARDELLA.

1. *HARDELLA THURGI*, *Gray, Cat. Suppl.* p. 58; *Append.* p. 18.
 - a. Animal stuffed. Shell, 13 in.
India, Bengal. *Picquot.*
 - b. Animal dry. Shell, 5 in.
India, Bengal.
 - c. Skull, $3\frac{1}{2}$ in.
Kachuga Oldhamii, *Gray, P. Z. S.* 1869, p. 203, f. 14.
Hardella Thurgi, *Gray, Cat. Suppl.* p. 59, f. 21.
India. 56, 5, 6, 113. Presented by Prof. Oldham.
 - d. Shell only, $15\frac{1}{2}$ in. Sternum black.
India. 70, 11, 29, 45. Presented by T. C. Jerdon, Esq.
2. *HARDELLA INDI*, *Gray, Cat. Suppl.* p. 58.
 - a. Shell, 12 in.
River Indus. Presented by Dr. Leith.

Genus 6. CANTORELLA.

CANTORELLA AFFINIS, *Gray, Cat. Suppl.* p. 58.

a. Young specimen, in spirits.

Tetraonyx affinis, *Cantor, Malay Rep.* p. 6.

Batagur affinis, *Günther, Rep. B. Ind.* t. 8, f. 6.

Penang.

Presented by Dr. Cantor.

Genus 6a. OCADIA.

1. OCADIA SINENSIS, *Gray, Cat. Suppl.* p. 35; *Append.* p. 13.

a. Animal stuffed, and shell, 4 in. Dorsal plates brown, with a longitudinal reddish streak. Under side of margin annulated.

Emys sinensis, *Gray, Cat.* p. 21, t. 7.

China.

Presented by J. Reeves, Esq.

c. Animal stuffed, and shell, 10 in.

Emys Bennettii, *Gray, Cat.* t. x.

China. Zool. Gardens. 54, 5, 4, 19.

b. Animal stuffed, adult. Shell, $7\frac{1}{2}$ in. Plate worn and discoloured from having been kept in confinement.

Emys Bennettii, *Gray, Cat.* p. 22.

China. Zool. Gardens. 54, 5, 19, 10.

d. Skeleton and shell, $5\frac{1}{2}$ in.

Ocadia sinensis, *Gray, P. Z. S.* 1873 (fig. skull).

China? 63, 23, 2.

e. Shell, $8\frac{3}{4}$ in. Bluntly three-keeled. Black above, white below, with large round black spots.

Formosa, Swinhoe. 65, 11, 30, 1.

Tribe 3. PANGSHURINA.

Genus 7. PANGSHURA.

1. PANGSHURA TECTA, *Gray, Cat. Suppl.* p. 60; *Append.* p. 18.

Batagur tecta, *Gray, Cat.* p. 36.

a. Animal stuffed. Shell, $8\frac{1}{2}$ in.

India. Picquot.

b. Animal stuffed. Shell, $2\frac{1}{2}$ in.

India. Picquot.

c. Animal stuffed. Shell, $2\frac{1}{2}$ in.

India. Picquot.

d. Animal. Shell, about $8\frac{1}{2}$ in., in spirits.

India.

e. Animal stuffed. Shell, $4\frac{1}{2}$ in.

India.

Presented by Dr. J. E. Gray.

h. Animal and shell, in spirits.

India. Zool. Soc. 59, 5, 11, 3

- i, j, k, l, m.* Five animals, and shell, in spirits.
 India, Bengal. Theobald. 68, 4, 8, 180, 181, 182, 183, 184.
n. Skeleton and shell, $4\frac{1}{2}$ in.
 India, Bengal. Zool. Soc.
o. Shell only, $5\frac{1}{2}$ in., and skull.
 India. 68, 2, 12, 9. Presented by C. Falconer, Esq.
p. Shell only, $8\frac{1}{2}$ in.
 Deccan. India. Ghazeret. 69, 8, 28, 4. Presented by Dr. Leith.
q. Bones and shell, with two rhombic holes on centre of sternum.
 India.

2. PANGSHURA LEITHII, *Gray, Cat. Suppl.* p. 60.

- a.* Skull.
 Pangshura Leithii, *Gray, Cat. Suppl.* p. 60.
 R. Poonah. Presented by Dr. Leith.

3. PANGSHURA VENTRICOSA, *Gray, Cat. Suppl.* p. 60 ; *Append.* p. 18.

- a.* Shell only, $6\frac{1}{2}$ in.
 Pangshura ventricosa, *Gray, P. Z. S.* 1870, p. 710, f. 2.
 Assam. 70, 11, 29, 55. Presented by T. C. Jerdon, Esq.

Genus 8. CUCHOA.

1. CUCHOA TENTORIA, *Gray, Cat. Suppl.* p. 61 ; *Append.* p. 18.
 Batagur tentoria, *Gray, Cat.*

- a.* Animal stuffed ; adult. Shell, 6 in. The third vertebral shield almost as broad as long. Sternum low.
 Batagur tentoria, *Günther, Rep. B. I. t. 4. f. c.*
 Deccan. Presented by Colonel Sykes.
b. Shell only ; partly broken.
 Assam. 67, 5, 23, 2.

2. CUCHOA FLAVIVENTRIS, *Gray, Cat. Suppl.* p. 61 ; *Append.* p. 18.

- a.* Shell only, $8\frac{1}{2}$ in. Back with upper part of sides very convex.
 India. 70, 11, 29, 47. Presented by T. C. Jerdon, Esq.
b. Shell only, $8\frac{1}{2}$ in. Sides of upper part flattened.
 India. 70, 11, 29. Presented by T. C. Jerdon, Esq.
c. Shell only, $6\frac{1}{2}$ in. Back rather ventricose.
 India. 70, 11, 29, 50. Presented by T. C. Jerdon, Esq.
d. Upper shell only, $5\frac{1}{2}$ in.
 India. 70, 11, 29, 49. Presented by T. C. Jerdon, Esq.
e. Shell only, $6\frac{1}{2}$ in. Back rather ventricose.
 India. R. Cuttack. 70, 6, 14, 82. Presented by Surgeon F. Day.

Genus 9. JERDONELLA.

1. JERDONELLA SYLHETENSIS, *Gray, Cat. Suppl.* p. 61; *Append.* p. 18.
 - a. Shell only, $7\frac{1}{2}$ in. Pangshura sylhetensis, *Gray, P. Z. S.*, 1870, f. 1. Sylhet. 70, 11, 29, 52. Presented by T. C. Jerdon, Esq.
 - b. Upper shell only, $5\frac{1}{2}$ in. Sylhet. 70, 11, 29, 51. Presented by T. C. Jerdon, Esq.
 - c. Shell only, $8\frac{1}{2}$ in. Side broken. Sylhet. 70, 11, 29, 53. Presented by T. C. Jerdon, Esq.

Genus 10. EMIA.

1. EMIA SMITHII, *Gray, Cat. Suppl.* p. 62; *Append.* p. 19.
 - a. Animal stuffed. Shell, 8 in. India. 70, 11, 29, 46. Presented by T. C. Jerdon, Esq.
 - b. Animal stuffed. Shell, 7 in. Sternum saved across. Batagur Smithii, *Gray, P. Z. S.*, 1863, p. 253. India. Dowsett. 63, 6, 5, 8.
 - c. Animal, dry, and shell, $8\frac{1}{2}$ in. India. R. Chenab. 63, 2, 21, 87. Presented by Sir A. Smith.
 - d. Shell only, 8 in. Pangshura Smithii, *Günther, Rep. B. I.* fig. on p. 2. Indus. 69, 8, 28, 8. Presented by Dr. Leith.
 - e. Shell only, 8 in. India. 70, 11, 29, 44. Presented by T. C. Jerdon, Esq.
 - f. Shell only, very much broken; margin wanting. India. 67, 6, 18, 5. Presented by W. Theobald, Esq.

Tribe 4. MORENIAINA.

Genus 11. MORENIA.

1. MORENIA BERDMOREI, *Gray, Cat. Suppl.* p. 62.
 - a. Animal and shell, in spirits, $8\frac{1}{2}$ in. Sternum yellow. Peju. Theobald. 68, 4, 3, 135.
 - b. Animal and shell, about $2\frac{1}{2}$ in., in spirits. Sternum brown, regularly varied, with the lateral margins yellow. Pegu. Theobald. 68, 4, 3, 136.
 - c. Shell only, $7\frac{1}{2}$ in. Batagur ocellata, *Gray, P. Z. S.*, 1856, t. x., and x. a. India. Mergui. 56, 5, 6, 2. Presented by Prof. Oldham.
 - d. Shell only, $7\frac{1}{2}$ in. Pegu. Theobald. 68, 5, 11, 11.
 - e. Shell only, $4\frac{1}{2}$ in. Sternum with two large unossified spaces. Pegu. Theobald. 69, 3, 6, 6.

f. Shell only, $8\frac{1}{2}$ in. Sternum like "*e.*"
Pegu. Theobald. 68, 5, 11, 14.

g. Shell only, $8\frac{1}{2}$ in.
Pegu. Theobald. 67, 12, 30, 60.

2. *MORENIA OCELLATA*, Gray, *Cat. Suppl.* p. 63; *Append.* p. 19.

a. Shell only, $5\frac{1}{2}$ in.
Pegu? Theobald. 68, 5, 11, 13.

Family 7. CHELYDRADÆ.

1. CRUCISTERNA.

Tribe 1. CHELYDRAINÆ.

Genus 1. MACROCHELYS.

1. *MACROCHELYS TEMMINCKII*, Gray, *Cat.* p. 49.; *Suppl.* p. 64.

a. Animal stuffed. Shell, 23 in.
N. America, Mississippi. Zool. Soc. 54, 2, 11, 1.

b. Animal stuffed. Shell, 19 in.
N. America, Mississippi. Smith. 55, 12, 17, 1.

c. Animal stuffed. Shell, 15 in.
N. America, Louisiana. Smith. 54, 7, 1, 17.

d. Skeleton. Shell, 23 in.
Macrochelys Temminckii, Gray, *Cat. Sh. Rep.* t. xxxviii. f. 2, t. xxxix., t. xl. fig. 1, skull, adult.
N. America, Mississippi. Presented by John Dillon, Jun., Esq.

Genus 2. CHELYDRA.

1. *CHELYDRA SERPENTINA*, Gray, *Cat.* p. 48; *Suppl.* p. 64.

a. Animal stuffed. Shell, $7\frac{1}{2}$ in.
N. America. Presented by Gen. Hardwicke.

b. Animal stuffed. Shell, 14 in.
N. America.

c. Animal, in spirits, young.
New Orleans. Salle. 45, 11, 9, 29.

d. Animal stuffed. Shell, 9 in.
N. America. 96, 10, 31, 18.

e. Animal stuffed. Shell, $11\frac{1}{2}$ in.
N. America. 46, 4, 13, 8.

h. Animal stuffed. Shell, $9\frac{1}{2}$ in.
N. America, Louisiana. Smith. 55, 12, 17, 3.

i. Animal stuffed. Shell, $9\frac{1}{2}$ in.
N. America, Louisiana. Smith. 55, 12, 17, 2.

j. Animal and shell, young, in spirits.
N. America. 58, 9, 8, 46. Presented by Arthur Russell, Esq.

l. Animal and shell, very young, in spirits.

N. America.

m. Animal and shell, in spirits ; half-grown.

N. America. 51, 4, 11, 18.

n. Skull ; half-grown.

C. serpentina, *Gray, Cat. t. 38, f. 1, t. 40, f. 2.*

N. America. Zool. Soc.

o. Skeleton and shell, 7 in.

N. America. Parzudaki. 55, 11, 26, 17.

Tribe 2. STAUROTYPINA.

Genus 3. STAUROTYPUS.

1. STAUROTYPUS TRIPORCATUS, *Gray, Cat. p. 47; Suppl. p. 45.*

a. Animal, young, in spirits. Pale brown varied with black.
Mexico.

b. Animal; adult. Shell, 14 in. The anal plates united into one.
Staurotypus triporcatus, Gray, Cat. p. 47. t. 20, b.
Vera Cruz. Sallé.

Genus 4. STAUREMYS.

1. STAUREMYS SALVINII, *Gray, Cat. Suppl. p. 65.*

a. Animal and shell, in spirits ; adult.

Staurotypus (Stauremys) Salvinii. Gray, P. Z. S. 1864, p. 127.
Guatemala. Huamuchal ; Salvin. 64, 1, 26, 147.

b. Skeleton of young, prepared by E. Gerrard, jun.
Gray, P. Z. S., 1869, p. 179, f. 5; Cat. Suppl. p. 65. f. 22. Skull.
Guatemala.

Tribe 3. AROMOCHELYINA.

Genus 5. AROMOCHELYS.

* *Osotheca*. Sternum rounded in front.

1. AROMOCHELYS ODORATUM, *Gray, Cat. p. 46; Suppl. p. 66.*

a. Animal stuffed ; adult. Shields spotted.
N. America, Louisiana. Smith.

b. Animal, in spirits.
Delaware.

Presented by H. Doubleday, Esq.

j. Animal stuffed. Shell, 8½ in. Convex.
N. America, Louisiana. Smith. 55, 12, 17, 7.

c. Animal, in spirits.
N. America, Texas. Günther. 59, 5, 10, 1.

d, e, f. Animals, in spirits.
N. America. 60, 12, 18, 25, 28, 29.

- g. Animal, in spirits.
 N. America. 58, 9, 18, 44. Presented by Odo Russell, Esq.
 h. Animal, in spirits.
 N. America. 58, 2, 28, 58.
 i. Skeleton and shell.
 N. America. 58, 2, 28, 58.
 a. Shell only, $2\frac{3}{8}$ in. Oblong, sharply keeled.
 N. America.

* *Goniochelys*. Sternum truncated in front.

2. *AROMOCHELYS CARINATUM*, Gray, Cat. p. 47; Suppl. p. 66.

- a. Animal stuffed. Shell, $5\frac{1}{4}$ in.
 N. America, Louisiana. Smith. 54, 7, 1, 15.
 b. Like "a." Shell, $5\frac{1}{4}$ in.
 Louisiana. Smith. 55, 12, 17, 4.
 c. Like "a" and "b." Shell, $5\frac{3}{8}$ in.
 Louisiana. Smith. 55, 12, 17, 5.
 d. Animal stuffed. Shell, $4\frac{3}{8}$ in.
Aromochelys carinatum, Gray, Cat. t. 20, a.
 N. America, Louisiana. Smith.

Tribe 4. KINOSTERNINA.

Genus 6. KINOSTERNON.

1. KINOSTERNON PENNSYLVANICUM, Gray, Cat. p. 45; Suppl. p. 67.

- a. Animal and shell, in spirits; half-grown.
 Tropical America. Jeude. 66, 8, 14, 222.
 b. Animal and shell, in spirits; half-grown.
 Tropical America. Jeude. 66, 8, 14, 224.
 c, d. Animals, young, in spirits.
 E. Florida. Presented by E. Doubleday, Esq.
 e, f. Animals, young, in spirits. Like "c" and "d."
 N. America. Presented by Capt. Sir E. Belcher, R.N., C.B., &c.
 g. Animal stuffed. Female. Shell $8\frac{1}{4}$ in.; rounded. Sternum
 entire behind.
 N. America. Presented by H. Doubleday, Esq.
 q. Animal, in spirits; young.
 K. Pennsylvanicum, Gray, Cat. Sh. Rep. t. xx. c, f. 1 & 2.
 N. America. Florida. Presented by E. Doubleday, 1841.
 r. Animal, in spirits; young.
 N. America. 61, 5, 21, 50.
 u & v. Animals, in spirits; young.
 N. America. 66, 814, 24, 8.

- n.* Animal stuffed, and shell, $4\frac{1}{2}$ in.
N. America. Louisiana. Smith. 54, 7, 1, 48.
- k.* Animal stuffed, and shell, 4 in. Rugose.
N. America. Louisiana. Smith. 55, 12, 17, 6.
- m.* Animal stuffed, and shell, $3\frac{1}{2}$ in.
N. America. Louisiana. Smith. 54, 7, 1, 4.
- s.* Animal, dry, and shell, $3\frac{1}{2}$ in. Elongate, oblong.
Kinosternon oblongum, Gray, *Cat. Tort. B. In.* p. 83.
N. America. 42, 5, 10, 18.
- t.* Animal, dry, and shell, $3\frac{1}{2}$ in. Elongate, oblong.
K. oblongum, Gray, *Cat. Tort. B. In.* p. 83.
K. Pennsylvanicum, Gray, *Cat.* p. 45.
N. America. 42, 5, 11, 19.
- u.* Skeleton and shell, 4 in.
N. America. From Paris.
- a.* Shell, 8 in. Much eroded.
N. America.
- b.* Shell, $2\frac{1}{2}$ in. Brown.
N. America.
2. *KINOSTERNON PUNCTATUM*, Gray, *Cat.* p. 45; *Suppl.* p. 67.
- a.* Animal, in spirits; young. Female.
Kinosternon punctatum, Gray, *Cat. Sh. Rep.* p. 45, t. xx. c,
fig. 5 & 6.
N. America.
3. *KINOSTERNON HIPPOCREPIS*, Gray, *Cat.* p. 46; *Suppl.* p. 67.
- a & b.* Animals, in spirits; young.
K. hippocrepis, Gray, *Cat. Sh. Rep.* t. xx. f. 8, 4.
New Orleans.
- c.* Animal stuffed. Shell, $3\frac{1}{2}$ in.
N. America.
- d.* Animal, dry, and shell, $2\frac{1}{2}$ in., with large unossified space on each side; very slightly three-keeled.
Mexico? 51, 8, 25, 21.
4. *KINOSTERNON DOUBLEDAYI*, Gray, *Cat.* p. 45; *Suppl.* p. 67.
- a.* Shell only; much worn.
K. Doubledayi, Gray, *Cat.* t. 20.
California?
- b, c, d, e.* Animals and shells, in spirits; adult.
New Orleans. 45, 11, 9, 25, 28.

Genus 7. SWANKA.

1. SWANKA SCURPONES. Gray. Cat. Suppl. p. 67; Append. p. 19.
Virgatus. *Atl.* 2 44 line.

KNOWINGTON SCURPONES. Gray. Cat. p. 44.

i. Animal and shell in spirits; adult.

Tropical America.

Presented by T. Bell, Esq.

k. Animal and shell in spirits; adult.

Tropical America. 1841.

l. Animal and shell in spirits; adult.

Tropical America. 64, 3, 14, 225.

m. Animal and shell in spirits; adult.

Tropical America. *Humboldt*. Salvin. 64, 1, 26, 146.

n. Animal stuffed, and shell, 5 in.; slightly three-keeled. Sternum flat, entire.

Mexico. 48, 7, 38, 30.

o. Animal stuffed. Shell, $4\frac{1}{2}$ in. Sternum flat, entire behind.

Mexico. 48, 7, 38, 31.

p. Animal stuffed. Shell, 5 in.; elongate. Sternum concave, deeply notched behind.

Mexico. 47, 3, 3, 32.

q. Animal stuffed. Shell, $4\frac{1}{2}$ in. Elongate; three-keeled. Sternum very flat, and slightly concave behind.

Cayenne. Verreaux. 51, 3, 35, 30.

Var. Thorax very slightly three-keeled, but caudal end of sternum entire, rounded.

r. Animal and shell in spirits; adult. Not good state.

Tropical America. Salvin. 64, 2, 19, 1.

s. Animal and shell in spirits; adult. Not good state.

Tropical America. Salvin. 64, 2, 19, 2.

t. Animal and shell in spirits; adult.

Mexico. Salle. 60, 6, 17, 24.

u. Shell only, elongate, $5\frac{1}{2}$ in.; three-keeled. Sternum flat, notched behind.

S. America. Zool. Soc.

v. Shell only, $4\frac{1}{2}$ in. Like "k."

Tropical America. 67, 4, 2, 141.

w. Shell only, $4\frac{1}{2}$ in. Like "k."

Tropical America. 67, 4, 2, 142.

x. Shell only, $4\frac{1}{2}$ in. Like "k."

Tropical America. 67, 4, 2, 140.

y. Shell only, $4\frac{1}{2}$ in. Like "k."

Tropical America. 67, 4, 2, 143.

Var. *Shell elongate, not or very indistinctly keeled.*

- b. Animal stuffed. Shell, $4\frac{1}{2}$ in.; wanting dorsal plates. Not keeled. Sternum flat, entire behind.

Central America.

- c. Animal, dry. Shell elongate, $8\frac{1}{2}$ in.; without dorsal plates, not keeled. Sternum flat, acute behind.

Kinosternon scorpioides, var. acuta, Gray, Syn. p. 14, t. vii. f. 1.

Central America.

- a. Shell, $4\frac{1}{2}$ in.; wanting dorsal plates. Not keeled. Sternum entire behind.

Tropical America. 54, 10, 16, 59.

- i. Shell only, rather ventricose, $4\frac{3}{8}$ in.; without any keels. Sternum slightly convex, entire behind.

Tropical America. 45, 8, 18, 1.

2. *SWANKA MACULATA, Gray, Cat. Suppl. p. 68.*

- a. Animal and shell, in spirits; adult.

Swanka maculata, Gray, l. c. p. 68.

Guatemala, Vera Paz. Salvin. 64, 1, 26, 144.

- b. Animal and shell, in spirits; adult.

Guatemala. Salvin. 64, 1, 26, 145.

- d, e, f. Animals, in spirits. Sternum rounded behind.

Mexico, Sallé. 62, 6, 6, 1.

- g. Skeleton and shell, $5\frac{1}{2}$ in.

Papalco, Apoia. Sallé. 62, 6, 6, 4.

3. *SWANKA FASCIATA, Gray, Cat. Suppl. p. 68.*

- a. Animal, in spirits; adult.

Swanka fasciata, Gray, l. c.

S. America. Brandt. 56, 2, 6, 1.

Family 8. PLATYSTERNIDÆ.

Genus 1. PLATYSTERNON.

1. *PLATYSTERNON MEGACEPHALUM, Gray, Cat. p. 49; Suppl. p. 70.*

- a. Animal stuffed; half-grown. Shell, $8\frac{1}{2}$ in.

P. megacephalum, Gray, Illustr. Ind. Zool. f.

China. Presented by John Reeves, Esq.

- b. Animal stuffed; adult. Shell, $5\frac{1}{2}$ in.

China. Gardens Zool. Soc. 54, 3, 4, 3.

- c. Animal, dry. Shell, 4 in.

China. Swinhoe. 70, 1, 14, 26.

2. *PLATYSTERNON PEGUENSIS*, *Gray, Cat. Suppl.* p. 70.

a & b. Animal and shell, in spirits; young.

Platysternon megacephalum, *Theobald, Journ. Linn. Soc.* x. p. 18.

P. peguensis, *Gray, Cat. Suppl.* p. 70.

Pegu. *Theobald.* 68, 4, 8, 140, 141.

Sub-order 3. PLEURODERES.

Family 1. CHELYDÆ.

Genus 1. CHELYS.

1. *CHELYS MATAMATA*, *Gray, Cat.* p. 60; *Suppl.* p. 71; *Append.* p. 19.

a. Animal stuffed; adult. Shell, 15 in.

Brazils. 42, 4, 29, 3.

b. Animal stuffed, Shell, 18½ in.

Brazils. 42, 4, 29, 2.

c. Animal stuffed. Shell, 18½ in.

Cayenne. 55, 11, 26, 18.

d. Animal and shell, in spirits.

Cayenne. Jeude. 66, 8, 14, 247.

Family 2. HYDRASPIDIDÆ.

Hydraspidina.

Genus 1. CHELODINA.

1. *CHELODINA COLLIEI*, *Gray, Cat.* p. 59; *Suppl.* p. 72.

f. Animal stuffed. Shell, 6 in.

Australia.

b. Animal stuffed, and shell, 9½ in.

Swan River. 52, 11, 12, 2.

Presented by the Haslar Hospital.

a. Animal stuffed. Shell, 9 in.

Swan River. 52, 11, 12, 1.

Presented by Sir J. Richardson.

c. Animal, in spirits; very young. The body scarcely larger than the head.

Swan River.

Presented by Sir John Richardson, M.D.

d. Skeleton and shell; much broken. Shell, 7½ in.

C. Colliei, *Gray, Cat. Suppl.* p. 71 (skull).

N. Australia. *Zool. Soc.* 64, 12, 22, 6.

e. Shell only, 8 in.

N. Australia.

2. *CHELODINA OBLONGA*, *Gray, Cat.* p. 58; *Suppl.* p. 72.

a. Animal stuffed. Shell, 6½ in.

Chelodina oblonga, *Gray, Travels, Australia, t.*

West Australia. 40, 12, 9, 81.

- b.* Animal stuffed. Shell, 8 in.
Port Essington. 42, 1, 18, 12, 8. Presented Capt. W. Chambers, R.N.
- d.* Animal stuffed. Shell, 6½ in.
Port Essington. 46, 7, 27, 5.

3. *CHELODINA EXPANSA*, Gray, *Cat.*; *Suppl.* p. 72; *Append.* p. 19.

- a.* Animal and shell, 10½ in.; with a very small additional vertebral scale between the 4th and 5th vertebral shields.
C. expansa, Gray, *P. Z. S.* 1856, p. 370, t. 12.
N. Australia. Stutchbury. 56, 12, 3, 6.
- b.* Back of shell, 4½ in.
C. expansa, Gray, *P. Z. S.* 1870, t. 34.
N. Australia. Stutchbury. 56, 12, 3, 4.

4. *CHELODINA LONGICOLLIS*, Gray, *Cat.* p. 58; *Suppl.* p. 72; *Append.* p. 19. *Tortoises, &c.*, t. 47, 48 (life).

- a.* Animal, dry. Shell, 5½.
Testudo longicollis, Shaw, *Zool.*
Australia. Presented by Sir Joseph Banks.
- b.* Animal stuffed, adult. Shell, 6 in.; more ovate and convex, 7 in. by 6 in.; wants some plates.
Australia. Presented by John Gould, Esq.
- c.* Animal stuffed. Shell, 6 in.
Australia. 60, 4, 7, 2.
- g.* Animal stuffed. Shell, 8 in.
Australia. 60, 4, 7, 3.
- l.* Animal and shell, about 2 in., in spirits.
Australia. Krefft. 63, 6, 16, 77.
- f.* Animal and shell, in spirits.
Australia. Zool. Soc. 70, 12, 28, 1.
- d.* Shell only, 8 in. Very solid.
Australia. 56, 12, 11, 9.
- c.* Skeleton and shell, 9½ in.
Australia. 59, 1, 2, 5.

5. *CHELODINA SULCATA*, *Cat.* *Suppl.* p. 72. *C. sulcifera*, Gray, *Cat.* p. 59.

- a.* Shell only, 4½ in. adult?
C. sulcifera, Gray, *P. Z. S.* 1856, p. 370.
Australia. Warwick. 51, 4, 24, 27.

Genus 1. *HYDROMEDUSA*.* *Euphrosyninae*.

1. *HYDROMEDUSA MAXIMILIANI*, Gray, Cat. p. 59; Suppl. p. 73; Append. p. 13: Ann. & Mag. Nat. Hist. 1873.
a. Animal stuffed. Shell, $7\frac{1}{2}$ in. Sternal concave behind.
S. America. FISHING JAMES S. MILLER. 48, 2, 3, 3.
2. *HYDROMEDUSA FLAVILABES*, Gray, Ann. & Mag. N. Hist. 1873.
a. Shell only, about $5\frac{1}{2}$ in. In very bad state, much broken, with-
out dorsal shields.
HYDROMEDUSA MAXIMILIANI, c. Gray, Cat. p. 59.
HYDROMEDUSA FLAVILABES, Gray, Ann. & Mag. N. H. 1873.
Rio de la Plata. BRANFORD. 53, 5, 16, 11.

** *Cycloneminae*.

3. *HYDROMEDUSA FLAVILABES*, Gray, Cat. p. 59; Suppl. p. 73; Append. p. 13. Ann. & Mag. Nat. Hist. 1873.
a. Animal half-grown, in spirits. Shields nearly smooth.
H. MAXIMILIANI, JEN., Gray, Cat. Tort. B. M. p. 44.
Brazil. P. CAZEN.
- b. Animal in spirits; young. Shields concentrically grooved.
Brazil. P. CAZEN.
- c. Animal stuffed, and shell $5\frac{1}{2}$. Sternum flat.
Hydromedusa flavilabris, "c," Gray, Cat. p. 60.
Tropical America. Zool. Soc.
- d. Shell only, $2\frac{1}{2}$ in.
Brazil. 59, 1, 31, 1.

Presented by Mrs. Miers.

4. *HYDROMEDUSA DEPRESSA*, Gray, Cat. p. 60; Suppl. p. 73; Ann. & Mag. Nat. Hist. 1873.
a. Animal and shell; adult, in spirits. Some of the plates of the back and sternum divided into a number of small roundish shields.
Hydromedusa depressa, Gray, Cat. p. 60, t. 26.
Brazil. Brandt. 49, 11, 7, 29.

Genus 3. *HYDRASPIS*.

1. *HYDRASPIS RANICEPS*, Gray, Cat. p. 55; Suppl. p. 7; Append. p. 19.
a. Animal and shell, 13 in. Male.
Surinam.

d. Animal and shell, $11\frac{1}{2}$ in. Female.
Surinam.

Var. 1. *Forehead broad. Central longitudinal occipital ridge very narrow. Perhaps adult.*

a. Animal stuffed. Adult. Shell, $9\frac{1}{4}$ in. First vertebral plate nearly square, last two vertebral plates keeled.

Hydraspis raniceps, Gray, *Cat.* p. 55, t. 23.

Brazils, Para. Bates.

b. Skeleton and shell, $8\frac{1}{2}$ in. First vertebral plate broader; considerably broader in front than behind, last vertebral plates not keeled.

Hydraspis raniceps, Gray, *P. Z. S.* 1864, fig., *Cat.* p. 73, f. 24. Skull.

S. America. Mus. Paris.

Var. 2. *Forehead more convex. Central longitudinal occipital ridge much broader. Perhaps young.*

c. Animal stuffed. Shell, $7\frac{1}{2}$ in. Concentrically striated.

Guiana. 71, 12, 13, 1.

Presented by Governor Rawson.

2. *HYDRASPIS GAUDICHAUDII*, Gray, *Cat. Tort. B. M.* p. 403; *Cat. Sh. Rept.* p. 57.

a. Animal, in spirits, young.

H. gaudichaudii, Gray, *Ann. & Mag. N. Hist.* 1873.

Bahia. 69, 7, 2, 23.

3. *HYDRASPIS MACULATA*, Gray.

a. Animal, in spirits, young.

H. maculata, Gray, *Ann. & Mag. N. Hist.* 1873.

S. America. Mus. Utrecht. 66, 8, 14, 233.

4. *HYDRASPIS NASUTA*, Gray, *Cat.* p. 55.

a. Animal, in spirits.

Hydraspis nasuta, "a," Gray, *Cat.* p. 55.

Tropical America.

5. *HYDRASPIS BICOLOR*, Gray.

a. Animal and shell, in spirits; young.

Hydraspis bicolor, Gray, *Ann. & Mag. Nat. Hist.* 1873.

Demerara Falls. 72, 10, 16, 80.

6. *HYDRASPIS GORDONI*, Gray, *Cat. Suppl.* p. 74.

a. Animal stuffed. Shell 7 in.

H. Gordoni, Gray, *P. Z. S.* 1868, t. 42 (life).

Trinidad. Mts. Tamana. Zool. Soc. 69.

7. *HYDRASPIS DEPRESSA*, Gray, *Cat.* p. 56; *Suppl.* p. 74.

a. Animal, young, in spirits. Sternum with many small spots.

South America. Presented by Dr. Edward Rüppell.

- b. Animal, half-grown, in spirits. Sternum with fewer large spots. Costal shields with an obscure keel above.
 S. America. British Guiana. Presented by Chevalier Schomburgk.
 c. Animal, in spirits. Sternum with numerous spots; vertebral keel and costal plates with a brown spot.
 S. America. Brandt. 56, 2, 6, 8.

Genus 3*. ACANTHOCELYS.

1. ACANTHOCELYS SPIXII, *Gray, P. Z. S.* 1878.
 a. Animal, in spirits. Adult.
 Hydraspis Spixii, *Gray, Cat.* p. 84; *Suppl.* p. 74.
 Brazils. Clausen.

Genus 4. SPATULEMYS.

1. SPATULEMYS LASALA, *Gray, P. Z. S.*, 1878.
 a. Animal stuffed.
 Spatulemys Lasala, *Gray, Ann. & Mag. Nat. Hist.* 1872, x. p. 468;
P. Z. S. 1872, t. f. Jaws.
 R. Corrientes. Parana.

Genus 5. MESOCLEMMYS.

1. MESOCLEMMYS GIBBA, *Gray, Ann. & Mag. Nat. Hist.* 1873.
 a. Animal stuffed, and shell, $6\frac{1}{2}$ in. Part of hinder margin broken off.
 Hydraspis gibba, *Gray, Cat.* p. 55.
 Mesoclemmys gibba, *Gray, Ann & Mag. N. H.* 1873.
 "Madagascar," Parzudaki. 44, 1, 68, 25.

Genus 6. PLATEMYS.

1. PLATEMYS PLANICEPS, *Gray, Cat.* p. 54; *Suppl.* p. 75; *Append.* p. 20.
 a. Animal, in spirits; adult. Lost part of shields.
 Guiana.
 b. Animal, in spirits; adult. Lost many of the shields.
 British Guiana. Schomburgk.
 c. Animal stuffed; adult. Shell, 6 in.
 Rio Negro, Brazils. Bates. 51, 4, 2, 7.
 d. Animal and shell, about $2\frac{1}{2}$ in.; in spirits.
 Surinam. Bartlett. 66, 9, 20, 15.
 e. Animal and shell, about $5\frac{1}{2}$ in.; in spirits.
 Demerara. 70, 10, 16, 80.
 f. Skeleton, without part of sternum.
 Peru, Santa Cruz, Haulhaga. E. Bartlett. 69, 3, 81, 1.
 g. Skeleton and shell, $8\frac{1}{2}$ in.; wanting sternum.
 S. America. 67, 4, 2, 178.

- h. Shell, $6\frac{1}{2}$ in. Brown, varied.
S. America, Demerara. 68, 10, 27, 1.
i. Shell only, $5\frac{1}{2}$ in. Brown, varied.
S. America, Demerara. 57, 2, 8, 19.

Genus 7. CHELYMYS.

*Thorax ovate.

1. CHELYMYS MACQUARIA, Gray, Cat. p. 57; Suppl. p. 75 (part).
Cat. Append. p. 20.
b. Animal stuffed. Shell, $5\frac{1}{2}$ in. Shields smooth.
Hydraspis Australia, Gray, in King's Austral. t. VI.
C. macquaria, "b," Gray, Cat. p. 57.
N. Australia, Macquarie River. 40, 12, 9, 82.
Presented by J. Gould, Esq.
a. Shell only, $7\frac{1}{2}$ in.
C. Victorise, var. marmorata, Gray, Cat. Append. p. 21.
Victoria River, N. W. Coast of Australia. 41, 10, 12, 2.
Presented by Capt. W. Chambers, R.N.
2. CHELYMYS VICTORIE, Gray, Cat. Append. p. 21. C. macquaria,
Gray, Cat. p. 57 (part).
c. Animal stuffed, and shell, $9\frac{1}{2}$ in.
C. victorie, Gray, Append. p. 21.
C. macquaria, "c," Gray, Cat. p. 57.
South Australia. 44, 9, 18, 18. Presented by J. Gould, Esq.
d. Animal stuffed, and shell, $10\frac{1}{2}$ in.
C. victorie, var. ? Gray, Append. p. 21.
C. macquaria, "d," Gray, Cat. p. 57.
South Australia. 47, 8, 14, 44. Presented by Sir J. Mitchell.
j. Animal and shell, $8\frac{1}{2}$ in.; stuffed.
C. victorie, var. sulcata, Gray, Cat. Append. p. 21.
Queensland, Burnett River. 71, 9, 25, 2. Presented by G. Krefft, Esq.
a. Animal and shell, in spirits; about 10 in.
Queensland, Burnett River. 71, 9, 25, 8. Presented by G. Krefft, Esq.
b. Animal and shell, in spirits; adult.
Queensland, Burnett River. 71, 9, 25, 4. Presented by G. Krefft, Esq.
g. Animal and shell, in spirits.
Queensland, Burnett River. 71, 9, 25, 5. Presented by G. Krefft, Esq.
e. Shell only.
N.W. Australia, Victoria River. 46, 5, 28, 8.
Presented by Capt. W. Chambers, R.N.
f. Shell only, 9 in.; very depressed. Margin broadly expanded.
South Australia. Argent.
h. Shell only, $6\frac{1}{2}$ in.
N.W. Australia. 56, 12, 8, 9.

i. Shell only, 5 in.
Australia. 56, 12, 8, 10.

***Thorax oblong.*

8. CHELYMYS KREFFTII, *Gray, Cat. Append.* p. 21.

a. Animal and shell, 9½ in.; stuffed.

Chelymys Krefftii, *Gray, P. Z. S.* 1872, t. *Append.* p. 21.
Queensland, Burnett River. 71, 9, 25, 1. Presented by G. Krefft, Esq.

Genus 8. EUCHELYMYS.

1. EUCHELYMYS SULCIFERA, *Gray, Cat. Append.* p. 22. (*C. macquaria, var., Gray, Cat. Suppl.* p. 75, part).

a. Animal stuffed, and shell, 10 in.

C. sulcifera, Gray, P. Z. S. 1872, t.

N. Australia. 56, 12, 8, 6.

b. Shell only, 10 in.

N. Australia. 56, 12, 8, 8.

c. Shell only, 8½ in.

N. Australia. 72, 11, 11, 1.

Genus 9. ELSEYA.

1. ELSEYA LATISTERNUM, *Gray, Cat. Suppl.* p. 77; *Append.* p. 22.

a. Animal and shell, 8½ in.; stuffed, with one additional hinder marginal plate.

Elseya latisternum, Gray, P. Z. S. 1872, p. f. (sternum) t. (animal).
Australia. 71, 12, 27, 1.

b. Animal stuffed, and shell, 6½ in.

Elseya latisternum, var. 8, Gray, Cat. Append. p. 22.

Queensland, Burnett River. 71, 9, 25, 8. Presented by G. Krefft, Esq.

c. Animal stuffed, and shell, 9½ in.

E. latisternon, var. 8, Gray, Cat. Append. p. 22.
Queensland. 71, 12, 27, 2.

d. Skeleton and shell, 5 in. ♀.

Australia. 71, 9, 25, 8.

2. ELSEYA SPINOSA, *Gray, Cat. Append.* p. 23.

a. Animal and shell, in spirits.

Euchelymys spinosa, Gray, Ann. & Mag. Nat. Hist. 1871, p. 118.
Australia. Krefft. 66, 6, 19, 1.

3. *ELSEYA INTERMEDIA*, Gray, *Cat. Append.* p. 28. *E. dentata*, *Cat. Suppl.* p. 76.

a. Shell, 11 in., of adult.

E. dentata, Gray, *Cat. Suppl.* p. 76.

E. intermedia, Gray, *P. Z. S.* 1872, p.

N. Australia, Upper Victoria. 57, 10, 24, 72. Presented by Dr. J. Elsey.

4. *ELSEYA DENTATA*, Gray, *Cat. Suppl.* p. 76; *Append.* p. 28.

a. Shell only, 6½ in.; worn (sternum).

Elseya dentata, Gray, *P. Z. S.* 1872, p. f.

N. Australia, Upper Victoria. 57, 10, 24, 72. Presented by Dr. J. Elsey.

b. Shell only, 8½ in.

N. Australia. 57, 10, 21, 73.

Presented by Dr. J. Elsey.

Family 3 PELOMEDUSIDÆ.

Genus 1. STERNOTHÆRUS.

* *Tancoa*.

1. *STERNOTHÆRUS SINUATUS*, Gray, *Cat. Suppl.* p. 78.

a. Animal stuffed; adult. Shell, 8½ in. Worn. Sternum flat.

Sternothærus castaneus, Gray, *Cat.* p. 52.

S. Africa.

b. Animal stuffed. Shell, 8½ in. Sternum concave.

Sternothærus castaneus, Gray, *Cat.* p. 52.

Port Natal. 62, 12, 4, 3. Presented by the Commissioners for Natal.

d. Animal stuffed. Shell, 8 in. Worn. Sternum flat.

Natal. 63, 12, 4, 3. Presented by the Commissioners for Natal.

c. Shell only, 11 in. Depressed. Front vertebral plate with straight sides. Sternum black.

Africa. 68, 10, 8, 3.

e. Shell only, 10 in. Worn, rather depressed. Front vertebral plate large, broad, sides rather sinuated.

W. Africa.

2. *STERNOTHÆRUS DERBIANUS*, Gray, *Cat.* p. 82; *Suppl.* p. 79.

a. Animal stuffed; adult. Shell, 8 in. Vertebral plates elongate, very narrow, half as long again as broad.

W. Africa, Gambia. 41, 12, 25, 1. Presented by the Earl of Derby.

d. Animal stuffed. Shell, 8½ in. First vertebral plate rather broad, deeply sinuated on the side.

W. Africa. Baikie. 63, 11, 14, 2.

e. Animal stuffed. Shell, 9 in. Caudal plates produced. Sternum concave. Front vertebral plate very deeply sinuated on the sides.

W. Africa. Baikie. 63, 12, 9, 7.

- f.* Animal stuffed. Shell, 7 in. Sternum flat. First vertebral plate deeply sinuated on the sides.
W. Africa. Baikie. 65, 5, 8, 70.
- c.* Shell, 6½ in. Vertebral plate bluntly keeled, the two anterior marginal plates nearly as broad as the first vertebral.
S. castaneus, *Gray, Cat.* p. 52,
Sierra Leone.
- g.* Shell only, 7½ in. Anterior vertebral plate rather broad, sinuated on the sides. Sternum flat.
W. Africa. Baikie. 63, 10, 8, 5.
- i.* Shell, 5½ in. Head and legs, in spirits.
Cape Verd. Boucard. 72, 12, 13, 1.
- j.* Shell, 8½ in. Head and legs, in spirits.
Cape Verd. Boucard. 72, 12, 13, 2.
- h.* Skull, 2½ in. Part of back crest broken off.
Sternotherus (skull), *Gray, P. Z. S.* 1878, fig.
W. Africa. M. du Chaillu.
- ** *Notoa.*
3. STERNOTHERUS SUBNIGER, *Gray, Cat. Suppl.* p. 79; *Append.* p. 24.
- a.* Animal and shell, in spirits; adult.
Sternotherus subniger, *Gray, P. Z. S.*, 1868, p. 405; *f.* head
Cat. Suppl. p. 79, fig.
Africa. 63, 12, 4, 3. Presented by Dr. Kirk.
- c.* Animal and shell, without shields, in spirits.
Africa.
- b.* Animal stuffed. Shell, 5½ in. Worn.
Madagascar. 51, 8, 25, 19.
- d.* Animal, dry, and shell, 5½ in. Worn. Front vertebral shield broad, subsinuated.
Sternotherus subniger, "*a.*" *Gray, Cat.* p. 52.
Africa. 46, 12, 12, 46.
- e.* Dorsal shell only, 6 in.
Madagascar. 75, 5, 5, 20.
4. STERNOTHERUS ADANSONII, *Gray, Cat. Suppl.* p. 80.
- a.* Animal stuffed. Shell, 5½ in.
W. Africa. Baikie. 63, 10, 14, 13.
- b.* Animal stuffed. Shell, 5½ in. Thorax rather concave over the whole surface.
W. Africa. Baikie. 64, 6, 29, 1.
- c.* Animal, stuffed. Shell, 3½ in. Sternum flat.
W. Africa. Baikie. 64, 8, 8, 14.
- d.* Shell only, 2½ in. Partly broken.
W. Africa. Whitely. 66, 5, 10, 3.

Genus 2. PELOMEDUSA.

* *Pentonyx*.

1. PELOMEDUSA GEHAFIE, *Gray, Cat. p. 58; Suppl. p. 81; Append. p. 24.*

a. Animal stuffed. Shell, 6½ in.
Abyssinia. Rüppell. 48.

b. Animal, young.
Abyssinia. Rüppell. 48, 7, 22, 4.

c. Animal and shell, in spirits. An extra sternal plate.
Abyssinia. 69, 11, 4, 32. Presented by W. T. Blanford, Esq.

d. Animal and shell, in spirits.
Central Africa. Baikie. 65, 4, 6, 7.

e. Shell only, 8½ in.; without shields.
E. Africa. 68, 8, 11, 10. Presented by Capt. Speke.

** *Pelomedusa*.

2. PELOMEDUSA SUBRUFA, *Gray, Cat. p. 58; Suppl. p. 81; Append. p. 24. Tortoises, &c., t. 49 & 50 (from life).*

a. Animal stuffed. Shell, 7½ in. Plates worn smooth.
Cape of Good Hope. Presented by Dr. J. E. Gray.

b. Animal, dry; only two legs. Shell, 4 in. Shields slightly concentrically grooved.
Cape of Good Hope.

c. Animal stuffed. Shell, 2 in.
S. Africa. 41, 1, 15, 58. Presented by J. S. Bowerbank, Esq.

d. Animal stuffed, and shell, 2½ in.
S. Africa. 41, 1, 15, 57. Presented by J. S. Bowerbank, Esq.

e. Animal, dry. Shell, 1½ in.
S. Africa. 41, 1, 15, 59. Presented by J. S. Bowerbank, Esq.

k. Animal stuffed. Shell, 6 in.
S. Africa. 52, 11, 23, 4. Presented by J. S. Bowerbank, Esq.

l, m. Animals, dry. Shell, 2½ in.
S. Africa. 67, 4, 2, 160, 161.

n. Animal stuffed. Shell, 8½ in.
S. Africa. 62, 6, 5, 5.

s. Animal, dry. Shell, 2½ in.
Africa. 62, 6, 5, 4.

t. Skeleton and shell, 2 in.
Cape of Good Hope. Mus. Utrecht. 67, 5, 14, 1.

o. Sternum only, 2½ in.
"Emys europæa," Mus. Utrecht.
S. Africa.

- p. Shell only, 2 in. Lost dorsal shields.
 "Emys picta," Mus. Utrecht.
 S. Africa. 67, 4, 2, 164.
- q. Upper shell only.
 S. Africa. 67, 4, 2, 162.
- r. Shell only, 3 in.
 Africa, Victoria, Nyanza. Baines. 66, 10, 20, 1.
- j. Animal, in spirits; adult.
 S. Africa. Zool. Soc. 52, 8, 30, 54.
- f. Animal, in spirits. Lost part of its shields.
 S. Africa.
- h. Animal, in spirits; young.
 S. Africa. Bartlett.
- i. Animal, in spirits (young), and shell.
 S. Africa. Zool. Soc.
- g. Animal, in spirits, and shell. Dark-coloured.
 S. Africa. 66, 8, 14, 220.
- u. Animal, in spirits.
 West Africa. Baikie. 65, 4, 6, 39.
- v. Animal, in spirits; adult. Dorsal keel somewhat tubercular behind.
- w. Animal in spirits; adult.
- x. Animal, in spirits; young.
- m, n, o. Animals, in spirits.
 West Africa. Baikie. 63, 10, 14, 4, 5, 6.
- y. Animal, in spirits, and shell. Pectoral plate very narrow on the inner side; almost intermediate.
 P. subrufa and P. Gehafæ.
 Upper Nile, Petherick. 65, 11, 15, 15.
- s. Head, in spirits.
 Central Africa. Presented by Capt. Speke.
3. PELOMEDUSA NIGRA, Gray, Cat. Suppl. p. 81. P. subrufa, var. 2, Gray, Cat. p. 58.
- a. Animal stuffed; adult. Shell black, areola small.
 Pelomedusa subrufa, "g," Gray, Cat. p. 58.
 S. Africa. Natal. Warwick. 49, 1, 30, 29.
- b. Animal, young. Wants sternum.
 Pelomedusa subrufa, "f," Gray, l. c.
 S. Africa. Natal. Presented by J. S. Bowerbank, Esq.
- d. Animal stuffed. Shell, $7\frac{1}{2}$ in.
 P. nigra, Gray, Ann. & Mag. N. Hist. 1863.
 Natal. 62, 12, 4, 4. Presented by the Commissioners of Natal.
- e. Animal stuffed. Shell, $4\frac{1}{2}$ in.
 Natal. 62, 12, 4, 5. Presented by the Commissioners of Natal.

f. Animal, dry. Shell, $8\frac{1}{2}$ in. Bad state.

Natal. 68, 2, 14, 46.

Presented by Sir A. Smith.

a. Animal, young, in spirits.

Natal. 55, 10, 16, 24.

Presented by the Haslar Hospital.

Family 4. PELTOCEPHALIDÆ.

Tribe 1. PELTOCEPHALINA.

Genus 1. PELTOCEPHALUS.

1. PELTOCEPHALUS TRACAXA, *Gray, Cat. p. 61; Suppl. p. 84; Append. p. 24.*

a. Animal stuffed; adult. Shell, 14 in. Shields concentrically grooved. Sternum pale yellow.

Emys Tracaxa, Spix, Bras. t. 5.

S. America. 42, 4, 29, 1.

b. Animal stuffed; adult. Shell, 19 in. Worn nearly smooth; head imperfect.

Emys macrocephala, Spix, Bras. t. 4.

S. America. 44, 7, 19, 27.

c. Animal and shell, in spirits. Sternum black, pale-varied.

Bahia. Wucherer. 63, 3, 27, 1.

Genus 2. DUMERILIA.

1. DUMERILIA MADAGASCARIENSIS, *Gray, Cat. Suppl. p. 82.*

a. Skeleton, wanting one foot and tail, and shell, 12 in.

D. madagascariensis, Gray, Ann. & Mag. Nat. Hist. 1878, p. 149.

W. Madagascar, Anuavandra. 73, 2, 0, 0.

b. Duplicate bones of right leg and foot.
Madagascar.

Tribe 2. PODOCNEMIDINA.

Genus 3. CHELONEMYS.

1. CHELONEMYS DUMERILIANA, *Gray, Cat. p. 62, t. 28; Suppl. p. 83.*

a. Animal stuffed and shell, 14 in.

Lakes of Upper Amazons; called 'Tracaja,' Bates. 51, 5, 6, 3.

b. Animal stuffed; imperfect. Shell, 5 in.

Hydraspis lata, Bell.

S. America. Zool. Soc.

c. Animal and shell in spirits; young.

Para. Bates.

- e. Animal and shell, stuffed; young.
Tropical America.
- f. Animal and shell (not stuffed), 19 in.
Santa Cruz. Bartlett. 69, 8, 81, 2.
- d. Shell only, 17 in.
P. Dumeriliana, *Gray, Cat. t. xxviii.*
Lakes of Upper Amazons. Bates. 51, 5, 6, 4.
- k. Animal and shell, 4½ in., in spirits. Horny plates loose.
Upper Amazons. Bartlett. 66, 5, 29, 8.
- l. Animal and shell, 8½ in., in spirits.
Tropical America. 52, 9, 7, 1.
- m. Animal and shell, 2½ in., in spirits.
Hydraspis lata, Bell. Gray, Syn.
Brazils, Para. 51, 2, 3, 15.
- n. Animal and shell, 2½ in., in spirits.
Tropical America. Zool. Soc. 69, 2, 27, 1.
- o. Animal and shell, 2½ in., in spirits.
Brazils, Bahia. Wucherer. 68, 8, 27, 1.
- p. Animal and shell, 2 in., in spirits.
"Emys quadripunctata, India," *Jeude.*
Tropical America. 66, 8, 14, 228.
- g. Skull and lower jaw, 2½ in.
S. America, Ega. Bates. 60, 4, 16, 10.
- h. Skull without lower jaw, 4 in.
S. America, Ega. Bates. 60, 4, 16, 9.
- i. Skull with lower jaw, 8½ in.
Upper Amazons. Bartlett. 72, 4, 26, 9.
- j. Skull with lower jaw, 8½ in.
Upper Amazons. Bartlett. 72, 4, 26, 10.

Genus 4. PODOCNEMIS.

1. PODOCNEMIS EXPANSA, *Gray, Cat. p. 61; Suppl. p. 83; Append.*
p. 26.
- b. Animal stuffed; adult. Shell.
Lakes of Upper Amazons; called "Pitipu," Bates.
- d. Animal stuffed. Shell, 7½ in., rather deformed.
Animal and shell black; head white-spotted.
"Podocnemis expansa," *Bibron MSS.; Cat. Zool. Soc., No. 366.*
Brazils. Zool. Soc.
- c. Animal, in spirits; young. Head blackish, with a white edge
to the sides of the nasal and upper orbital edge, back of the
head with four round equal spots, the lateral one above the
front of the tympanum; vertebral plates bluntly keeled, marginal
plate very wide.
Brazil.

- c.* Skull with lower jaw, 5 in.
Upper Amazons. Bartlett. 72, 4, 29, 8.
j, k. Skeleton and shell, 80 in.
Peruvian Amazons. Bartlett. 66, 6, 1, 8.
f. Skull, 6½ in.
Upper Amazons. 60, 4, 16, 7.
g. Skull, 5½ in.; end imperfect.
Peruvian Amazons. Bartlett. 72, 4, 29, 7.
h. Skull with lower jaw, 5 in.
S. America. 51, 10, 28, 4. (*a*).
i. Skull with lower jaw, 4½ in.
S. America, Ega. 60, 4, 16, 8.

Genus 5. BARTLETTIA.

1. BARTLETTIA PITIPII, Gray, Cat. Append. p. 27.
a. Animal and shell, 11½ in.; stuffed.
Lakes of Upper Amazons. Bartlett.
b. Animal and shell, in spirits.
Lakes of Upper Amazons. Bartlett. 69, 6, 7, 9.
c. Skeleton and shell, 9½ in.
B. Pitipii, Gray, P. Z. S. 1870, p. 721 (skull); 1871, p. 748, f. 8
(sternum).
Brazils.
d. Shell only, 12 in. ♀.
P. expansa, "*a*," Gray, Cat. p. 61.
Brazils, Upper Amazons. Called "Pitipu." Bates. 51, 5, 6, 5.

Sub-order 4. TRIONYCHOIDA.

Family 1. CHITRADÆ.

Tribe 1. CHITRAINA.

Genus 1. CHITRA.

1. CHITRA INDICA, Gray, Cat. p. 70; Suppl. p. 89.
c, d. Animals, half-grown and young. The inner edge of lateral callosities slightly diverging in front; anterior sternal bones narrow, elongate.
India.
a. Animal.
Chitra indica, Günther, Rep. B. I. t. (badly coloured).
Malacca. Presented by S. Cantor.
f. Animal, stuffed. Dorsal disk, 6 in. Shell, 4 in.
India. Boyes. 48, 2, 1, 89.

g. Animal stuffed. Dorsal disk, $10\frac{1}{2}$ in. Shell, $7\frac{1}{2}$ in.
India. Boyes. 48, 8, 14, 11.

e. Skull, length to occiput, $6\frac{1}{2}$ in., and os hyoides.
Chitra indica, Gray, *Cat.* t. xli; *Suppl.* p. 90, fig. 28; *P. Z. S.* 1864,
p. 92, figs. 11, 12.
India, Nepaul. 49, 2, 5, 1. Presented by Dr. Falconer.

Genus 2. PELOCHELYS.

1. PELOCHELYS CANTORII, Gray, *Cat. Suppl.* p. 90.

a. Animal stuffed. Dorsal disk, 11 in. Shell, $7\frac{1}{2}$ in.
Chitra indica, Günther, *Rep. B. I.*
Pelochelys Cantorii, Gray, *P. Z. S.* 1864, p. 90, figs. 9, 10.
Penang. 60, 8, 19, 1444. Presented by the E. India Co.
c. Animal stuffed. Dorsal shield, $12\frac{1}{2}$ in. Shell, $8\frac{1}{2}$ in.
Penang. 67, 9, 28, 5. Presented by W. Theobald, Esq.
b. Skull; length to occiput, $2\frac{1}{2}$ in. From specimen "*a.*"
P. Cantorii, Gray, *P. Z. S.* 1864, p. 16, f. 9, 10; *Cat. Suppl.*
p. 91, f. 29.
Malay Peninsula. Cantor. 60, 8, 19, 1144.

2. PELOCHELYS CUMINGII, Gray, *Cat. Suppl.* p. 91. *Chitra indica*, *Gray, Cat.* p. 70 (part).

a. Animal stuffed. Dorsal disk, 17 in.
Philippine Islands. Cuming.
b. Animal, in spirits; very young. Olive front of shield covered
with close, round, subconic warts. Head olive, minutely black-
dotted; throat olive, minutely white-dotted.
Chitra indica, "*b.*" Gray, *Cat.* p. 70.
Philippine Islands. Cuming.

Tribe 2. HEPTATHYRINA.

Genus 3. HEPTATHYRA.

1. HEPTATHYRA FRENATA, Gray, *Cat. Suppl.* p. 68. *Cyclanosteus* *frenatus*, Gray, *Cat.* p. 64.

a. Animal stuffed, wanting one hind leg. Shell, 18 in.
Heptathyra Aubryi, Cope.
W. Africa, Gaboon. Du Chaillu. 63, 10, 8, 9.
c. Animal stuffed. Dorsal shield, $17\frac{1}{2}$ in.
Heptathyra Aubryi, Gray, *Cat. Suppl.* p. 98.
W. Africa, Gaboon. Du Chaillu. 61, 7, 29, 25.
b. Shell only. Bones of dorsal disk, 19 in.
Aspidochelys Livingstonii, Gray, *P. Z. S.* 1860, p. 6, t. 18—22.
River Zambesi. Presented by Dr. Livingstone.

Family 2. TRIONYCHIDÆ.

Tribe 1. TRIONYCHINA.

Genus 1. NILSSONIA.

1. NILSSONIA FORMOSA, *Gray, P. Z. S.* 1873. *Trionyx formosus*, *Gray, Cat. Suppl.* p. 99.

a. Animal and shell, in spirits; young. Skull extracted.

T. formosus, *Gray, P. Z. S.* 1869, p. 212, t. 15, f. 1.

India, Pegu. Theobald. 68, 4, 8, 142.

b. Skull, $7\frac{1}{2}$ in., of "*a.*"

India. 68, 4, 8, 142.

c. Skull, adult (without animal), $8\frac{1}{2}$ in.

Nilssonina formosa, *Gray, P. Z. S.* 1873.

India. 68, 2, 12, 15.

Genus 2. FORDIA.

1. FORDIA AFRICANA, *Gray, Cat. Suppl.* p. 100.

a. Animal stuffed. Dorsal disk, 23 in.

Trionyx niloticus, *var. Gray, P. Z. S.* 1864, p. 88. *Fordia Africana*, *Gray, P. Z. S.* 1869, p. 119.

Upper Nile. Petherick. 62, 9, 2, 34.

b. Animal stuffed. Dorsal disk, 22 in.

Upper Nile. Petherick. 62, 9, 2, 34.

c. Skull; length to occiput, $4\frac{1}{2}$ in. From "*b.*"

Fordia Africana, *Gray, P. Z. S.* 1873.

Upper Nile. Petherick. 62, 9, 2, 34.

Genus 3. TRIONYX.

1. TRIONYX GANGETICUS, *Gray, Cat.* p. 66; *Suppl.* p. 97. *Trionyx javanicus*, *Gray, Cat.* p. 67; not synon. *Potamochelys stellata*, *Gray, Cat. Suppl.* p. 104; not skull. *Tortoises*, &c. t. 51 (life).

a, b, c. Young, in spirits; 4 in. Back with four black spots.

India, Ganges.

d & e. Animals, young, in spirits; 4 in. Back with four large and two small posterior black spots.

India, Ganges.

f. Animal, in spirits; very young. Marks on face and spots on back very distinct.

India. Argent.

- g', h', i'*. Animals, in spirits; very young; back with five to seven small spots.
Trionyx javanicus ("g," "h," "i"), *Gray, Cat.* p. 67.
 India.
- x*. Animal, in spirits. Head rayed.
Trionyx javanicus, "a," *Gray, Cat.* p. 67.
 India.
- g, h*. Animals, in spirits; young. Bleached, not eyed.
 India.
- q, r*. Very young, in spirits; not in good state.
 China. Presented by Dr. W. Baird.
- i*. Animal stuffed. Dorsal disk, $6\frac{1}{2}$ in. Shell, $8\frac{3}{4}$ in.
 India, Deccan. Presented by Col. Sykes, F.R.S.
- s*. Animal stuffed. Dorsal disk, 7 in. Shell, $4\frac{1}{2}$ in. First vertebral bone slightly developed.
 India. Boyes. 48, 2, 1.
- t*. Animal stuffed. Dorsal disk, 14 in. The first vertebral bone united to the other, forming one disk. Head with seven black diverging rays. Skull extracted.
 India. Boyes. 48, 2, 1, 38.
- n*. Animal stuffed. Head black-rayed. Dorsal disk, $4\frac{1}{2}$ in. Shell, $2\frac{7}{8}$ in.
 India. 55, 12, 17, 15.
- l*. Animal stuffed. Dorsal disk, $2\frac{1}{2}$ in. Ribs more than half free. Head rayed.
 India. Boyes. 48, 2, 1, 40.
- o*. Dorsal shield, 12 in., with some bones of the sternum.
 India. 26, 2, 12, 16. Presented by Dr. Falconer.
- p*. Dorsal disk; not in good state. Shell, $13\frac{1}{2}$ in.
 India? Zool. Soc. 54, 5, 4, 18.
- j*. Skull; length to occiput, $4\frac{3}{8}$ in.
Trionyx gangeticus, *Gray, Cat.* t. xlii. f. 1.
 India, Ganges. Suttapore. Boyes. 48, 2, 1, 41.
- u*. Skull; length to occiput, $4\frac{1}{2}$ in.
 India. 56, 5, 6, 111. Presented by Prof. Oldham.
- k*. Skull, without lower jaw; length to occiput, $2\frac{1}{2}$ in.
 India. 47, 3, 5, 26.
- m*. Skull; length to occiput, $8\frac{3}{8}$ in. From specimen "f."
 India. 48, 2, 1, 88.
- v*. Bones of dorsal disk, 11 in.
 Nepaul. 45, 1, 12, 419. Presented by B. H. Hodgson, Esq.
- v*. Dorsal disk, 12 in.
 Nepaul. 45, 1, 12, 420. Presented by B. H. Hodgson, Esq.
- w*. Dorsal disk only, 9 in.; in bad state.
 Nepaul. 61, 5, 10, 27.

1a. TRIONYX ? DILLWYNII.

a. Animal, in spirits.

Trionyx Dillwynii, *Gray, Ann. & Mag. N. H.* 1878.

Borneo. Cutter. 72, 2, 19, 60.

2. TRIONYX LEITHII, Gray.

a. Animal stuffed. Dorsal disk, $9\frac{1}{4}$ in. Shell, $6\frac{1}{2}$ in.Trionyx Leithii, *Gray, Ann. & Mag. Nat. Hist.* 1872, x. p. 334.

India, Poonah. 69, 8, 28, 10.

Presented by Dr. Leith.

b. Skeleton and skull, $2\frac{1}{2}$ in.Aspilus cariniferus, var., *Gray, Cat. Suppl.* p. 102.

India, Poonah. 70, 7, 11, 1.

Presented by Dr. Leith.

c. Dorsal and sternal disk separate. Dorsal disk, 18 in. Shell, $8\frac{1}{2}$ in.

India. 70, 7, 12, 8.

Presented by Surgeon Day.

d. Dorsal and sternal disks attached. Dorsal disk, $5\frac{1}{2}$ in. Shell, $8\frac{1}{2}$ in.

India. 70, 7, 12, 1.

Presented by Surgeon Day.

3. TRIONYX HURUM.

a. Shell of adult.

Trionyx Jeudii, *Gray, P. Z. S.* 1869, p. 217, f. 19; *Cat. Suppl.* p. 97, f. 82.

India.

4. TRIONYX SEWAARE.

a. Animal, in spirits. Skull extracted.

Trionyx gangeticus, var. *Gray, Cat. Suppl.* p. 97.Trionyx Sewaare, *Gray, Ann. & Mag. N. H.* 1872; *P. Z. S.* 1878.

India. Presented by Gen. Hardwicke.

c. Animal, in spirits; young. Dorsal spots, six.

T. gangeticus, var. *Gray, Cat. Suppl.* p. 97.

India. Presented by Gen. Hardwicke.

b. Skull, $1\frac{1}{2}$ in. From specimen "a."

India.

d. Animal, in spirits; young. Dorsal spots, four. Spots on nose large, united.

India. 48, 2, 29.

e. Animal, in spirits; young. Dorsal spots, four. Spot on nose moderate.

India. 48, 2, 29.

f. Animal, in spirits; young. Dorsal spots, four. Spot on nose large.

Trionyx gangeticus, *Gray, Cat. Suppl.* p. 97 (specimens "d," "e," "f.")
T. Sewaare, *Gray, Ann. & Mag. N. H.* 1872.

India. 48, 2, 29.

- g. Skull, $4\frac{1}{2}$ in.
Trionyx Phayrei, *Theobald*.
 India, Pegu. *Theobald*. 68, 5, 18, 2.
- h. Skull. Length to occiput, $4\frac{1}{2}$ in.
Trionyx Jeudii, *Gray*, *P. Z. S.* 1869, p. 217, f. 19.
 India. *Mus. Utrecht*. 67, 4, 2, 177.

5. *TRIONYX OCELLATUS*.

- a. Animal, in spirits; young. Dorsal spots, four.
Trionyx ocellatus, *Gray*, *Ill. Ind. Zool.* t. 78.
 India. 51, 5, 9, 1.

Genus 4. *ISOLA*.

1. *ISOLA PEGUENSIS*.
 a. Skin of the head of adult animal, in spirits.
Trionyx? peguensis, *Gray*, *Cat. Suppl.* p. 99.
 Pegu. *Theobald*. 68, 4, 8, 142.
- b. Skull of "a."
Isola peguensis, *Gray*, *P. Z. S.* 1878.
 Pegu. *Theobald*. 68, 4, 8, 142.
- c. Shell, $8\frac{1}{2}$ in.
 Borneo. 73, 8, 0, 0.

Genus 5. *LANDEMANIA*.

1. *LANDEMANIA PEROCELLATA*, *Gray*, *Cat. Suppl.* p. 93. *Trionyx perocellatus*, *Gray*, *Cat.* p. 65.
- e. Animal stuffed. Dorsal disk, $6\frac{1}{2}$ in. Shelly disk, $4\frac{1}{2}$ in.
 China?
- g. Animal stuffed.
Sarbieria frenata, *Gray*, *Cat. Suppl.* p. 100.
Trionyx frenatus, 21 a., *Gray*, *Cat.* p. 67.
 Singapore. *Wallace*.
- r. Animal stuffed. Dorsal shield, 6 in. Shell, 4 in. Female with eggs.
Trionyx frenatus, "b," *Gray*, *Cat.* p. 67.
Sarbieria frenata, *Gray*, *Cat. Suppl.* p. 100.
 Singapore. *Wallace*. 53, 37, 8, 8.
- a. Animal, in spirits; young.
 Chusan. *Cantor*. Presented by the East India Company.
- b. Animal, in spirits; young.
 Chusan. *Cantor*. Presented by the East India Company.
- c. Animal, in spirits; young.
 Chusan. *Cantor*. Presented by the East India Company.

- d, f.* Animals, in spirits. Bad state.
China.
- h.* Animal, in spirits; has been dry.
Shanghai. Swinhoe. 62, 11, 1, 280.
- o.* Animal, in spirits; has been dry.
Shanghai. Swinhoe. 62, 11, 1, 281.
- p.* Animal, in spirits; has been dry. The skull extracted, "*h.*"
Landemania irrorata, Gray, *P. Z. S.* 1869; p. 212, sternum, f. 18.
Cat. Suppl. p. 96, f. 31 (sternum).
Shanghai. Swinhoe. 62, 11, 1, 279.
- f.* Animal, in spirits; young.
Trionyx perocellatus, Gray, *Cat.* p. 66, t. xxxi.
China. B. Seeman. Presented by the Haslar Hospital.
- g.* Animal, in spirits; has been dried.
Landemania irrorata, Gray, *P. Z. S.* 1869, p. 212, f. 18 (sternum),
Cat. Suppl. p. 96, f. 31.
Shanghai.
- k.* Animal, in spirits; skull taken out, "*i.*"
Trionyx perocellatus, Gray, *Cat.* p. 65.
Formosa. Swinhoe. 63, 2, 23, 11.
- l.* Animal, in spirits. Head contracted.
Trionyx perocellatus, Gray, *Cat.* p. 65.
Formosa. Swinhoe. 63, 2, 23, 12.
- m.* Animal, in spirits. Skull taken out, "*j.*"
Trionyx perocellatus. Gray, *Cat.* p. 65.
Formosa. Swinhoe. 63, 2, 23, 10.
- h.* Skull, length to occiput, $2\frac{1}{2}$ in., from specimen "*p.*"
Landemania perocellata, Gray, *P. Z. S.* 1873.
China, Shanghai. Swinhoe. 62, 11, 1, 279.
- i.* Skull, length to occiput, $2\frac{1}{2}$ in. from specimen in spirits.
Landemania perocellata, Gray, *P. Z. S.* 1872.
Formosa. Swinhoe. 42, 2, 23, 11.
- j.* Skull, length to occiput, 2 in. from specimen in spirits.
Landemania perocellata. Gray, *P. Z. S.* 1872.
Formosa. Swinhoe. 63, 2, 23, 10.

Genus 6. IDA.

1. *IDA ORNATA*, Gray, *P. Z. S.* 1873.
Aspilus? ornatus, Gray, *Cat. Suppl.* p. 102.
- a.* Animal, in spirits; young.
Camboja. Mouhot. 60, 11, 14, 1.
- c.* Animal, in spirits; younger; with skull.
Trionyx ornatus, Gray, *P. Z. S.* 1861, p. 41, pl. 5.
Camboja. Mouhot. 60, 11, 14, 1.
- b.* Skull of "*a.*" $\frac{3}{4}$ in.
Camboja. Mouhot. 60, 11, 14, 1.

Genus 7. DOGANIA.

1. DOGANIA SUBPLANA, *Gray, Cat. p. 69 ; Suppl. p. 106.*

a. Animal, dry. Dorsal disk, $9\frac{1}{2}$ in. Sternal tubercles 2, very indistinctly indicated, narrow.

Trionyx subplanus, *Gray, Illust. Ind. Zool. t.*

Singapore. Presented by Gen. Harkwicke.

b. Animal, in spirits; skull extracted.

Dogania subplana, *Gray, Cat. Sh. R. t. 33.*

Java. "Japan," Mus. Leyden.

g. Animal, in spirits. Bleached. Skull extracted.

Penang. Cantor. 60, 3, 19, 1414.

d. Skull. Length to occiput, $2\frac{1}{2}$ in.

Dogania subplana, *Gray, Cat Suppl. p. 106, f. 35.*

Java.

e. Skull. Length to occiput, $1\frac{1}{2}$ in.

Singapore.

f. Skull. Length to occiput, $1\frac{1}{2}$ in., from spec. "g," in spirits.

Penang. Cantor. 60, 3, 19, 1414.

2. DOGANIA GUENTHERI, *Gray, Cat. Suppl. p. 107.*

a. Animal, dried. Dorsal disk about 7 in.

Trionyx (Dogania) Güntheri, *Günther, Rep. B. Ind. p. 40, t. 6, f. 4.*

Gray, Cat. Suppl. p. 107.

Asia. 60, 3, 19, 1445. Presented by the Hon. East India Company.

Genus 8. PLATYPELTIS.

1. PLATYPELTIS FEROX, *Gray, Cat. Suppl. p. 107. T. ferox, Gray, Cat. p. 68.*

a. Animal re-stuffed. Shell, $11\frac{1}{2}$ in.

Testudo ferox, *Pennant, Phil. Trans. xli. p. 266, t. 10, f. 5.*

N. America, Georgia.

Presented by the Royal Society.

e. Animal, adult, ♀. With a row of large spines in front of the disk.

N. America. W. Smith.

g. Animal stuffed. Dorsal disk, $5\frac{1}{2}$ in. Shell, 3 in.

N. America. W. Smith. 54, 7, 1, 3.

j. Skull, wanting hinder part. From "g."

T. ferox, *Gray, P. Z. S. 1873.*

N. America. 54, 7, 1, 2.

i. Skull, $1\frac{1}{2}$ in.; young. From "h;" named *T. frenatus*.

P. ferox, *Gray, P. Z. S. 1873.*

N. America. "India," Zool. Soc. 52, 9, 13, 49.

Trionyx frenatus, "a," *Gray, Cat.* p. 67.

Gymnopus javanicus, *Bibron*, MS. in Zool. Soc.

N. America. 52, 9, 13, 46.

Var. or deformity. *The dorsal bones very convex. Dorsal ribs nearly half free.*

f. Animal and shell, 6½ in. ♂.

N. America. Smith. 54, 7, 1, 1.

k. Dorsal disk, 12 in. Like former; much larger, and ribs more ossified.

N. America. 69, 3, 6, 1.

Genus 9. CALLINIA.

1. **CALLINIA SPINIFERA**, *Gray, Cat. Suppl.* p. 109.

a. Animal stuffed. Dorsal disk, 10½ in. Shell, 9 in.

Trionyx Argus, *Gray*, *Cat.* p. 68.

Callinia spinifera, Gray, Cat. Suppl. p. 109.

N. America, "Sierra Leone." 43, 9, 6, 12.

Presented by the Earl of Derby.

b. Animal, in spirits ; bleached. Dorsal disk, about $9\frac{1}{2}$ in.

"*Aspidonectes spinifer*."

Trionyx ferox, "c," *Gray, Cat.* p. 68.

N. America.

d. Animal, in spirits. Dorsal disk, about 6 in., with many small spots.

Trionyx ferox, "d," *Gray, Cat.* p. 68.

N. America. Parzudaki. 59, 9, 20, 26.

e. Animal, in spirits ; uniformly coloured. Skull extracted.

N. America. Wabock. 61, 5, 21, 24.

b. Skull, $1\frac{5}{8}$ in., of "e."

C. spinifera, P. Z. S. 1873.

N. America. Wabock. 61, 5, 21, 74.

f. Animal, in spirits; young.

N. America. 59, 8, 17, 2.

2. **CALLINIA MICROCEPHALA**, *Gray, Cat. Suppl.* p. 108.

a. Shell stuffed. Dorsal disk, 7 in. Shell, $4\frac{1}{2}$ in. Ribs produced.

Sarawak. Wallace. 56, 9, 19, 22.

b. Skull, $1\frac{1}{2}$ in. From specimen "a."

C. microcephala, Gray, P. Z. S. 1878, f.

Sarawak. 56, 9, 19, 22.

Genus 10. TYRSE.

1. TYRSE NILOTICA. *Gray, Cat. p. 68; Suppl. p. 108. Tortoises, &c.,*
~~1. 55~~ ~~1854~~.
- a. Animal stuffed. Dorsal disk, 16 in. Anterior dorsal plate
 united to the others.
 Egypt. Presented by Turnbull Christie, M.D.
- b. Animal stuffed. Dorsal disk 4 in. Shell, ribs free.
 Egypt. Presented by Turnbull Christie, M.D.
- d. Animal stuffed. Anterior dorsal plate scarcely united to the
 others.
 N. Africa. Egypt. Zool. Society.
- e. Animal stuffed.
 N. Africa. Egypt. 46. 3, 5, 23. Presented by Thos. Thornton, Esq.
- f. Animal stuffed. Dorsal disk, 30 in.
 "Aspidonectes aspinus," *Cope, Proc. Acad. Nat. Sc. Phil.* 1859,
 p. 295.
 W. Africa, Gaboon. Du Chaillu.
- c. Animal, in spirits; young.
 West Africa. Presented by G. Malcolm, Esq.
- h. Animal, in spirits; young.
 N. Africa, R. Nile. Zool. Soc. 71, 1, 5, 1.
- f. Animal, in spirits; young.
 W. Africa. Rich. 48, 10, 10.
- j. Animal, in spirits; young.
 W. Africa. Baikie. 63, 12, 13, 18.
- k. Animal, in spirits; young.
 Upper Nile. Petherick. 68, 11, 15, 14.
- l, m. Two animals, in spirits; very young.
 W. Africa. Baikie. 63, 10, 14, 9, 10.
- n. Animal, in spirits; very young.
 W. Africa. Baikie. 65, 4, 6, 6.
- o. Animal, in spirits; very young, with an umbilical mark.
 Gambia. Baikie. 62, 5, 20, 10.
- p. Animal, in spirits; young. Bad state.
 W. Africa. Higgins. 70, 5, 22, 4.
- q. Skull; length to occiput, 6 in.; and bones of tongue.
 West Africa. 62, 3, 20, 8. Presented by I. J. Monteiro, Esq.
- s. Skull.
 Tyrse nilotica, *Gray, Cat. Sh. R. t. 42, f. 2.*
 N. Africa.
- g. Skeleton mounted. Dorsal shell, 9½ in.
 T. nilotica, "a," *Gray, Cat. Sh. Rep. p. 68.*
 N. Africa, Egypt. Rüppell.
- r. Skeleton mounted.
 N. Africa. Zool. Society.

Genus 11. RAFETUS.

1. *RAFETUS EUPHRATICUS*, *Gray, Cat. Suppl.* p. 104. *Trionyx Rafeht, Gray, Cat.* p. 65.

a. Animal stuffed; adult.

Trionyx Rafeht, Gray, Cat. tab. xxx.

Euphrates. 50, 10, 21, 11. Presented by W. K. Loftus, Esq.

b. Adult stuffed, without sternum.

Euphrates. 54, 5, 11, 17. Presented by Capt. Chesney.

c. Skull of "*a*?" Length to occiput, $2\frac{1}{2}$ in.

Rafetus euphraticus, Gray, P. Z. S. 1878.

Euphrates. Presented by W. K. Loftus, Esq.

Genus 12. ASPILUS.

1. *ASPILUS JAVANICUS*.

Trionyx cariniferus, Gray, Cat. p. 67.

A. cariniferus, Gray, Cat. Suppl. p. 101.

h. Animal stuffed. Dorsal disk, 10 in. Shell, 6 in. End of ribs free.

Java. Jeude. 67, 10, 16, 18.

l. Animal stuffed. Dorsal shield, $8\frac{1}{2}$ in. Bony disk, $5\frac{1}{2}$ in.

Sarawak. Wallace. 56, 9, 19, 22.

b. Animal stuffed. Dorsal shield, $7\frac{1}{2}$ in. Shell, 5 in.

Aspilus ornatus, var. Gray, Cat. Suppl. p. 108.

Siam. Mouhot. 59, 7, 8, 8.

m. Animal stuffed. Dorsal disk, $6\frac{1}{2}$ in. Shell, $8\frac{1}{2}$ in.

Aspilus ornatus (part), *Gray, Cat. Suppl.* p. 108.

Siam. Mouhot. 62, 1, 18, 11.

a. Animal, in spirits; half-grown. Bleached.

Trionyx, U.S., Mus. Leyden.

Testudo alba, Bodd. Epist. III. p. 21.

Trionyx cariniferus, Gray, Cat. p. 67, t. 32.

Moluccas. Mus. Leyden.

c. Animal, in spirits; like "*a*." Bleached.

Trionyx cariniferus, "*c*," *Gray, Cat.* p. 67.

Amboina, Ceram. Madame Ida Pfeiffer. 50, 8, 24, 1.

d & e. Animals, in spirits; young.

Amboina or Ceram. Madame Ida Pfeiffer.

f. Animal, in spirits; young.

Java. 51, 1, 7, 28.

n. Animal, in spirits. Head and limbs spotted. Dorsal disk, $5\frac{1}{2}$ in.

Java. 66, 8, 14, 284.

o. Animal, in spirits. Head and feet spotted; back with large scattered dark spots.

Java. 66, 8, 14, 285.

- q, r.* Animals, in spirits.
Aspilus cariniferus (part), *Gray, Cat. Suppl.* p. 101.
 Borneo. 69, 4, 2, 489. Presented by L. L. Dillwyn, Esq.
- s.* Dorsal disk, 8 in., and skull imperfect.
 Asia. 68, 2, 12, 16. Presented by Dr. Falconer.
- i.* Skeleton. Dorsal disk, 7½ in. Shell, 4½ in.
T. carinifera, "b," *Gray, Cat.* p. 67.
Trionyx stellatus, Mus. Leyden.
 Java. Mus. Leyden. 48, 10, 31, 14.
- t.* Skull. Length to occiput, 8½ in.
Aspilus cariniferus, *Gray, Cat. Suppl.* f. 88 (lower jaw).
 Java. Jéude. 67, 10, 16, 18.
- u.* Skull. Length to occiput, 5½ in.
A. cariniferus, *Gray, P. Z. S.* 1864, p. 88, f. 4—6; *Cat. Suppl.*
 p. 108, f. 38.
- v.* Lower jaw.
A. javanicus, *Gray, P. Z. S.* 1873.

Tribe 2. EMYDINA.

Genus 13. BAIKIEA.

1. *BAIKIEA ELEGANS*, *Gray, Cat. Suppl.* p. 115.
- a.* Animal, in spirits; young.
Baikiea elegans, *Gray, P. Z. S.* 1869, p. 222.
 West Africa. Baikie. 65, 5, 8, 35.
- e.* Animal stuffed. Dorsal disk, 8 in.
 W. Africa. Baikie. 65, 4, 6, 11.
- b.* Skull; adult. Length to occiput, 5 in.
Baikiea elegans, *Gray, Cat. Suppl.* p. 116, f. 39; *P. Z. S.* 1869,
 p. 220.
- C. senegalensis*, adult, *Gray, P. Z. S.* 1864, p. 96, f. 19, 21.
 W. Africa. Baikie. 64, 8, 8, 9.
- c.* Skull. Length to occiput, 5 in.
 W. Africa. Baikie. 65, 5, 9, 22.
- d.* Skull. Length to occiput, 4½ in.
 W. Africa. Baikie. 64, 1, 18, 8.

Genus 14. TETRATHYRA.

1. *TETRATHYRA BAIKII*, *Gray, Cat. Suppl.* p. 110, f. 36.
- a.* Animal stuffed. Dorsal disk, 7 in.
Tetrathyra Baikii, *Gray, P. Z. S.* p. 324; *Cat. Suppl.* p. 110, f. 36
 (sternum), *Ann. & Mag. Nat. Hist.* 1865, xvi. p. 205, fig.
 West Africa. Baikie. 65, 4, 6, 10.
- b.* Animal stuffed. Dorsal disk, 6½ in.
 W. Africa. Baikie. 65, 9, 13, 1.

Genus 15. CYCLANOSTEUS.

1. CYCLANOSTEUS SENEGALENSIS, Gray, *Cat. Suppl.* p. 111; *P. Z. S.* 1870, p. 717, t. 48 (life). *Emyda senegalensis*, Gray, *Cat.* p. 64.
- c. Animal stuffed. Dorsal shield, 12 in.
W. Africa. Baikie. 64, 8, 8, 10.
- a. Skeleton. Dorsal disk imperfect.
Cyclanosteus Petersii, Gray, *Cat.* p. 64.
Gambia. Whitfield. Presented by the Earl of Derby.
- b. Shell only, with back margin.
Cyclanosteus Petersii, Gray, *Cat.* p. 64, t. 29.
Gambia. Presented by the Earl of Derby.
- d. Skull. Length to occiput, $2\frac{1}{2}$ in.
Cyclanosteus senegalensis, Gray, *P. Z. S.* 1864, p. 95, figs. 16—18;
Cat. Suppl. p. 111, f. 87.
W. Africa. Baikie. 65, 5, 9, 19.
- f. Skull, $2\frac{1}{2}$ in.
W. Africa. Baikie. 65, 5, 9, 20.
- g. Skull, 8 in.
Sternum, Gray, *Cat. Suppl.* p. 118, f. 38.
W. Africa. Baikie. 65, 5, 9, 21.
- h. Skull, without lower jaw; $2\frac{1}{2}$ in.
W. Africa.
- i. Skeleton mounted. Dorsal disk, $9\frac{1}{2}$ in.
C. Petersii, Gray, *Cat.* p. 64.
W. Africa. Baikie. 63, 11, 9, 6.
- j. Skeleton imperfect. Dorsal shell, 8 in. First pair of callosities round, second moderate.
Western Africa. 65, 5, 8, 72.
- k. Dorsal and sternal disk. Dorsal disk, $9\frac{1}{2}$ in. Second front pair of callosities very large; first pair short.
Western Africa. 65, 5, 8, 71.
- l. Dorsal and sternal disk.
Western Africa. 65, 5, 8, 74.
- m. Dorsal and sternal disk, and some bones. Dorsal shield, $10\frac{1}{2}$ in.
Western Africa. 65, 5, 8, 73.
- The latter four all vary in the shape and size of the front sternal callosities.
- n. Dorsal and ventral shields. Dorsal shield, 11 in., with additional sternal callosities.
Cyclanosteus senegalensis, var. *callosa*, or
Baikiea elegans? Gray, *Cat. Sh. Rep. Suppl.* p. 118, f. 88. *P. Z. S.* 1869, p. 215.
W. Africa. Baikie. 65, 5, 8, 75.
- o, p, q. Three animals, in spirits; young. Different sizes.
W. Africa. Baikie. 68, 10, 14, 6—8.

7. a. c. 2. 7. w. Six specimens in spirits: young. Different ages.
 Specimens from the same locality.
 W. Africa. *Baile*. 45. 4. 11. 1-5.
 8. Animal in spirits.
Emyda *stellata* *Gray*. *Cat.* 7. 44.
 Senegal. 41. 4. 11. 1.

Genus 14. EMYDA.

1. *Emyda* *portuensis* *Gray*. *Cat.* 7. 43: *Suppl.* p. 117.
 2. Animal stuffed. Dorsal skin, 3 in.
 India. *Picquot*.
 3. Animal stuffed. Dorsal skin, 7 in.
 India. *Zool. Soc.*
 4. Animal stuffed. Dorsal disk, 6½ in. very round.
 India. *Boyes*. 48. 2. 1. 40.
 5. Animal stuffed. Dorsal skin, 5½ in.
 India. *Picquot*.
 6. Animal stuffed: young. Dorsal skin, 4 in. Bony disk exposed,
 narrow.
 India. *Bengal Soc.* 41. 5. 4. 3.
 7. Animal stuffed; very young. Dorsal disk, 2½ in. Bony disk
 very small.
 India. *Boyes*. 48. 2. 1. 35.
 8. Animal, in bad state, and shell, 6 in.
 Bombay. 69, 8, 28, 9. Presented by Dr. Leith.
 9. Skeleton, mounted. Dorsal disk, 6 in.
 Poona. 70, 7, 11, 2. Presented by Dr. Leith.
 10. Dorsal and ventral bones, with skull.
 India. 68, 2, 12, 14. Presented by C. Falconer, Esq.
 11. Dorsal and sternal bones, imperfect, with half skull.
 India. 68, 2, 12, 14. Presented by C. Falconer, Esq.
 12. Skull. Length to occiput, 2½ in.
Potamochelys stellata, *Gray*, *P. Z. S.* 1864, p. 85, figs. 7, 8; *Cat.*
Suppl. p. 105, f. 34.
 India. 56, 5, 6, 113. Presented by Prof. Oldham.
 13. Upper shell only, 7½ in.
 India. Presented by Gen. Hardwicke.
 14. Upper shell only, 7½ in.
 India. *Picquot*.
 15. Animal, in spirits; young.
 India, Pegu? *Theobald*. 68, 4, 3, 109.
 16. Animal, in spirits. Back with large pale spots.
 India. *Zool. Society*.
 17, 18. Animal, in spirits. Back pale-spotted.
 India. *Picquot*.

- l. Animal, in spirits; discoloured.
 India, Allahabad. Schlagintweit. 60, 8, 19, 1448.
 Presented by the Hon. East India Company.
- x. Animal, in spirits. Dorsal long shield narrow; margin boneless.
 Sikkim. Schlagintweit. Presented by the Hon. East India Company.
2. EMYDA FUSCOMACULATA.
 a. Animal, in spirits. Brown, with round dark brown spots, which are larger towards the centre of the back.
E. fuscomaculata, Gray, *P. Z. S.* 1873.
 India, Pegu? Theobald. 68, 4, 8, 188.
3. EMYDA CEYLONENSIS, Gray, *Cat.* p. 64; *Suppl.* p. 117. *Tortoises*, &c., t. 55, 56 (from spirits).
 b. Shell only, 6½ in.
Emyda ceylonensis, Gray, *Cat.* p. 64, t. xxix a.
 Ceylon. Presented by Dr. Kelaart.
- e. Dorsal and ventral disks separate; ventral disk, 9½ in.
E. punctata, "d," Gray, *Cat.* p. 68.
 India, Ceylon? Picquot.
- f. Sternal disk only, 7½ in.
Emyda punctata, "e," Gray, *Cat.* p. 68.
 India, Ceylon? Picquot.
- a. Animal, in spirits.
 Ceylon. Thwaites. 54, 8, 81, 18.
- c. Animal, in spirits; young.
 Ceylon. Zool. Society. 58, 10, 19, 57.
- d. Animal, in spirits; young.
 Ceylon. Zool. Society. 58, 10, 19, 55.

Sub-order 5. OIACOPODES. (SEA TURTLES).

Family 1. CAOUANIDÆ.

Tribe 1. CAOUANINA.

Genus 1. CAOUANA.

1. CAOUANA CARETTA, Gray, *Cat.* p. 72; *Suppl.* p. 118.
- e. Animal stuffed. Shell, 84 in.
 Cape Seas. Sir A. Smith.
- n. Animal stuffed. Shell, 29 in.
 Atlantic Ocean.
- o. Animal stuffed. Shell, 42 in.
 W. Australia, Shark Bay.
- c. Animal stuffed. Shell, 84 in. Back with *Chelous* via.
 Atlantic Ocean.

- h.* Animal stuffed. Dorsal shield, 16 in.
 ——— Ocean. 50, 2, 27, 6.
- p.* Animal stuffed. Dorsal shield, 15 in.
 ——— Ocean. 55, 9, 18, 2.
- g.* Animal stuffed. Dorsal shield, 14 in.
 ——— Ocean. 46, 4, 28, 1.
- q.* Animal stuffed. Dorsal shield, 9 in.
 Atlantic Ocean.
- d.* Animal stuffed. Shell, $12\frac{1}{2}$ in.
 Atlantic Ocean. 44, 3, 30, 16.
- s.* Seven animals, in spirits, about $1\frac{1}{2}$ in.
 Indian Ocean. Theobald. 68, 4, 3, 144 to 149.
- t.* Two animals, in spirits, about $1\frac{1}{4}$ in.
 Aneiteum. Cuming. 60, 5, 31, 73.
- u.* Animal, in spirits; bleached and bad state, about 2 in.
 Atlantic Ocean.
- v.* Animal, in spirits, about 2 in.
 Malabar.
- w.* Animal, in spirits, about $1\frac{1}{2}$ in.
 ——— Ocean.
- x.* Animal, in spirits, about 2 in.
 Indian Seas. 51, 2, 14, 24.
- y.* Animal, in spirits; young.
 "Chelonia polyaspis," *Bleeker*.
 Borneo. 63, 12, 4, 119.
- z.* Animal, in spirits; young.
 "Chelonia dubia," *Bleeker*.
 Borneo. 63, 12, 4, 122.
- ff.* Three animals, in spirits; young.
 Manado. Meyer. 71, 9, 1, 48 to 50.
- gg.* Animal, in spirits; young.
 Samoa Islands. Presented by the Rev. T. Powell.
- hh.* Animals, dry; from spirits; young.
 Shark Bay, W. Australia. H. M. S. Herald.
- ii.* Animal, dry; from spirits; young.
 "Chelonia virgata," *Cantor*.
 Penang. 60, 3, 19, 1452. Presented by Hon. East India Company.
- a.* Animal, in spirits; in bad state. Shell about 7 in.
 ——— Ocean. Sloane Coll.
- k.* Skeleton, mounted, with shields on. Dorsal shell, $16\frac{1}{2}$ in.
 ——— Ocean.
- b.* Skeleton, mounted, without shields. Dorsal shield, 7 in.
 ——— Ocean. Mus. Utrecht. 67, 7, 8, 27.
- ee.* Skeleton, mounted. Dorsal shield, 16 in.
 ——— Ocean. 54, 4, 29, 6. Prepared by E. Gerrard, Jun.

- aa.* Skull, without lower jaw. Length to occiput, $7\frac{1}{2}$ in.
 ——— Ocean. 72, 4, 29, 6. Presented by Capt. H. Toynbee.
- bb.* Skull and lower jaw. Length to occiput, 7 in.
Chelonia Rüppellii, *Gray, Cat. Tort. B. Ind.* p. 55.
Caouana Caretta, "e," *Gray, Cat.*
 ——— Ocean. Presented by T. Bell, Esq.
- cc.* Skull. Length to occiput, $7\frac{1}{2}$ in. Beak with sheaths.
 ——— Ocean. 62, 2, 8, 5.
- dd.* Skull, without lower jaw. Length to occiput, $4\frac{1}{2}$ in.
 Ceylon. Presented by Dr. J. Davy.
- m.* Upper shell, 9 in., and sternum.
 ——— Ocean. 67, 4, 2, 171.
- jj.* Shell only.
 ——— Ocean.
- kk.* Shell only, 29 in.
 ——— Ocean.
- n.* Dorsal shell only, 9 in.
 ——— Ocean. 65, 6, 18, 1.
- i.* Upper shell only, not in good state, $12\frac{1}{2}$ in.
 ——— Ocean. 44, 2, 19, 4.
- f.* Upper and lower shell, 84 in.
Testudo Caretta, *Gray, Mag. Nat. Hist. n. ser., iv.* p. 186, f.
 Coast of Devonshire. 4, 5, 10, 11, 1. Presented by W. Wilson, Esq.
- b.* Upper shell only, 19 in.
 ——— Ocean. 43, 12, 7, 48.

Tribe 2. LEPIDOCHELYINA.

Genus 1. LEPIDOCHELYS.

1. LEPIDOCHELYS OLIVACEA.

- a.* Animal, in spirits; very young.
 Philippine Islands.
- k.* Animal stuffed; adult. Shell with a narrow anterior vertebral plate.
Caouana olivacea, *Gray, Cat.* p. 78; *Suppl.* p. 118.
Lepidochelys olivacea, *Gray, P. Z. S.* 1878.
 Indian Ocean.
- c.* Dorsal shell only, 18 in.
 N. Australia, Cape York. 72, 2, 12, 0.

Genus 2. CEPHALOCHELYS.

1. CEPHALOCHELYS OCEANICA.

- a.* Head and fins, without shell.
Cephalochelys oceanica, *Gray, P. Z. S.* 1878.
 ——— Ocean. 71, 2, 7, 48.

Family 2. CHELONIADÆ.

Tribe 1. CARETTINA.

Genus 1. CARETTA.

1. *CARETTA IMBRICATA*, *Gray, Cat. p. 74; Suppl. p. 119. Tortoises, &c., tabs. 57, 58 (life).*
- a.* Animal stuffed. Shell, 15 in. Elongate, narrow.
Indian Seas.
- b.* Animal stuffed. Shell, 18½ in.
Indian Ocean. 37, 5, 13, 4.
- d.* Animal stuffed. Shell, 6½ in. Broad.
Indian Seas.
- f.* Animal stuffed; very young. Shell, 2 in. Wants one fin.
Indian Ocean.
- g.* Animal stuffed; adult. Shell, 17½ in.
Indian Ocean. 44, 1, 18, 30.
- h.* Animal stuffed. Shell, 14 in.
Raine Island. 46, 7, 27, 6. Presented by Capt. J. W. Ince, R.N.
- i.* Animal stuffed; half-grown. Shell, 12½ in.
Indian Seas. 45, 12, 29, 12.
- j.* Animal stuffed. Shell, 11½ in.
Indian Seas. 45, 6, 22, 3.
- k.* Animal stuffed; young. Shell, 6 in. Narrow.
Indian Ocean. 43, 12, 6, 18. Presented by Dr. Richardson.
- l.* Animal stuffed; young. Shell, 6 in.
——— Ocean. Zool. Society.
- r.* Animal stuffed. Shell, 11½ in.
Tropical Seas. 55, 11, 26, 16.
- s.* Animal stuffed. Shell, 8½ in.
Tropical Seas. 55, 10, 16, 63. Presented by the Haslar Hospital.
- t.* Animal stuffed. Shell, 6½ in.
Tropical Seas. 56, 2, 15, 35.
- t'.* Animal, in spirits; half-grown.
Celebes. Meyer. 72, 8, 20, 82.
- m.* Skeleton. Shell, 11 in.
Tropical Seas.
- w.* Skull. Length to occiput, 5½ in.
Tropical Ocean.
- x.* Head, covered with shields.
Tropical Ocean. 67, 4, 2, 175.
- n.* Upper shell only, 18 in.
Tropical Ocean.
- p.* Upper shell only, 12½ in.
Back of Darnley Is. 47, 2, 24, 1. Presented by the Earl of Derby.

- g. Upper shell only, $10\frac{1}{2}$ in.
Tropical Ocean. 46, 7, 5, 8.
- c. Upper shell only, $9\frac{1}{2}$ in; in bad state.
Indian Ocean.
- e. Sternal shield only, $5\frac{1}{2}$ in.
Indian Ocean.
- u. Sternum only, $9\frac{1}{2}$ in.
Formosa. Swinhoe. 63, 12, 6, 127.
- v. Shell only, $10\frac{1}{2}$ in.; not in good state.
Zanzibar. 68, 9, 30, 2.
- w. Sternum, showing the bones.
Tropical Ocean. 67, 4, 2, 170.
- y. Shell only. Length, $8\frac{1}{2}$ in. Very narrow and high.
Yzabad. Vernon. 64, 4, 8, 4.
- v. Upper shell only, $11\frac{1}{2}$ in.
Atlantic Ocean. 46, 4, 23, 3.

Genus 1*. ONYCHOCHELYS.

1. ONYCHOCHELYS KRAUSSII.

Chelonia marmorata, Krauss (not Duméril and Bibron).
Onychochelys Kraussii, Gray, P. Z. S. 1873.

- a. Animal stuffed. Dorsal shell, 35 in.
Ocean. French Guiana. Krauss. 73, 3, 13, 2.

Tribe 2. CHELONIANA.

Genus 2. CHELONIA.

1. CHELONIA VIRGATA, Gray, Cat. p. 74; Suppl. p. 119.

- a. Animal stuffed. Shell, 21 in.
—— Ocean, South America.
- d. Animal stuffed. Shell, 15 in.
—— Ocean, Belize. Salvin. 64, 4, 8, 3.
- h. Animal stuffed; young. Shell, $1\frac{1}{2}$ in.
China. Presented by J. Reeves, Esq.
- i. Animal stuffed; young. Shell, $2\frac{1}{10}$ in.
—— Ocean. Zool. Society.
- j, k. Animals, in spirits; young, about 2 in.
—— Ocean. 55, 10, 16, 25, 26.
- l. Animal, in spirits; young, about 2 in.
—— Ocean. 53, 4, 23, 3.
- m, n, o. Animals, in spirits; young, about 2 in.; not in good state.
—— Ocean.
- p. Animal, in spirits, about 2 in.
—— Ocean. 41, 4, 1, 17.

- q.* Animal, in spirits, about 2 in.
 ——— Ocean. 55, 12, 19, 1. Presented by Miss Gray.
- r, s.* Animals, in spirits, about 2½ in.
 ——— Ocean, 62, 10, 27, 1 & 2. Zool. Society.
- t, u, v, w, x.* Animals, in spirits, about 2 in.
 Ocean, Ascension Island. Voy. Sulphur. Presented by Capt. Belcher.
- y, z.* Animals, in spirits, about 2 in.
 Ocean. Ascension Island. Presented by Capt. Belcher.
- a', a''.* Head and fins, in spirits. Shell separate.
 Formosa. Swinhoe. 62, 12, 6, 126.
- b', c'.* Animals, in spirits, about 2 in.
 ——— Ocean.
- o.* Skeleton and shell, 12 in.
 Guiana. 67, 4, 2, 167.
- f.* Skeleton and shell, 5 in.; not prepared, and in bad state.
 Guiana?
- g.* Upper shell only, 21 in., and head.
 Ocean, Zanzibar. 68, 9, 80, 1. Presented by Dr Kirk.
- bb.* Upper shell only, 17 in.
 ——— Ocean. 46, 4, 23, 4.
- cc.* Upper shell only, 24 in.
 ——— Ocean. 62, 7, 18, 21.
- dd.* Sternum only, 11½ in. Soft parts in spirits.
 Formosa. Swinhoe. 62, 12, 6, 126.
- ee.* Upper shell only, 28 in.
Chelonia maculata, Jeude.
 Ocean, Guiana? 67, 4, 2, 186.
- ff.* Upper shell only, 25 in.
 Guiana? 67, 4, 2, 183.
- gg.* Upper shell only, 24 in.
 Guiana? 67, 4, 2, 181.
- hh.* Upper shell only, 18 in.
 Guiana? 67, 4, 2, 184.
- ii.* Shell, 17 in., and sternum.
 Guiana? 67, 4, 2, 182.
- jj.* Upper shell only, 8 in.
 Ocean, Guiana? 67, 4, 2, 171.
- kk.* Upper shell only, 15 in.
 ——— Ocean. 62, 12, 6, 126.
- d'.* Upper shell only, 18 in.
 ——— Ocean. 46, 7, 5, 4.
- m.* Skull. Length to occiput, 6½ in. Lower jaw with horny sheath.
 Tropical Ocean. 67, 4, 2, 176.
- n.* Skull. Length to occiput, 6½ in.
 Tropical Ocean. 64, 7, 16, 7.

- e.* Skull. Length to occiput, $6\frac{1}{2}$ in.
Ascension Island. Presented by — Waud, Esq.
- b.* Skull. Length to occiput, $6\frac{1}{2}$ in.
Ascension Island. Presented by — Waud, Esq.
- f.* Skull; very imperfect.
Tropical Ocean.
- r.* Skull, without lower jaw. Length to occiput, $6\frac{1}{2}$ in.
Tropical Ocean.
- s.* Skull. Length to occiput, $4\frac{1}{2}$ in.
Tropical Ocean. 62, 7, 18, 18.
- t.* Skull. Length to occiput, $3\frac{1}{2}$ in.
Tropical Ocean. 62, 7, 18, 12.
- e'.* Skull, without lower jaw. Length to occiput, $4\frac{1}{10}$ in. Weight of animal, 66 lbs.
Tropical Ocean. Dr. Mantell.
- v.* Skull; bones separate. Mounted by E. Gerrard, Jnr.
Tropical Ocean. 72, 12, 29, 2.
- d.* Head, covered with shields and skin. Length to occiput, 5 in.
Tropical Ocean. 44, 2, 20, 26.
- o'.* Head, with shields. Length to occiput, 8 in.
Tropical Ocean. 46, 11, 18, 41.
- p'.* Head and dorsal shell, $6\frac{1}{2}$ in.
Guiana. 67, 4, 2, 170.

Genus 3. MYDAS.

1. MYDAS VIRIDIS, *Gray, Cat.* p. 75; *Suppl.* p. 119. *Tortoises, &c.*, t. 59, 60 (life).
- a.* Animal stuffed. Shell, $12\frac{1}{2}$ in.
Brazils.
- b.* Animal stuffed. Shell, $11\frac{1}{2}$ in.
Brazils.
- c.* Animal and shell, $1\frac{1}{2}$ in.; stuffed; young.
Brazils.
- g.* Animal and shell, $1\frac{1}{2}$ in.; stuffed; young.
Brazils.
- h, h'.* Animals, in spirits; young. Back brown, with pale margin.
Fins pale brown, the front with black spots.
Malay Peninsular. Cantor. 60, 8, 19, 1414.
- i.* Animals, in spirits. Dorsal and marginal shields with a regular broad pale margin. Fins, front and hinder, black-spotted; head shields with a narrow pale margin.
"Chelonia picta," *Jeude, MSS.*
Guiana? Jeude. 66, 8, 14, 286.
- p.* Skeleton, mounted. Dorsal shield, 88 in.
Ascension Island. 72, 8, 7, 2. Prepared by E. Gerrard, Jnr.

- q. Skeleton, mounted. Dorsal shield, 16 in.
 Ascension Island. 51, 4, 27, 3. Zool. Society.
- c'. Shell only, 4½ in. The last vertebral bones very narrow, ovate-lanceolate.
 "Chelonia Caouana," *Jencks*.
 ——— Ocean. 66, 8, 14.
- ff. Dorsal shell, 45½ in., adult; and sternum separate.
 Ocean, Guiana? 67, 4, 2, 180.
- gg. Dorsal shell only, adult, 43½ in.
 Ocean, Guiana? 67, 4, 2, 185.

Genus 4. EREMONIA.

1. EREMONIA ELONGATA.

- a. Dorsal and ventral shields. Length, 27 in. Not quite adult.
 Caouana elongata, *Gray, Cat. p. 73; Suppl. p. 118.*
 Eremonia elongata, *Gray, P. Z. S. 1873.*
 ——— Ocean. —, 12, 18, 8.

Family 3. SPHARGIDIDÆ.

Genus 1. SPHARGIS.

1. SPHARGIS CORIACEA, *Gray, Cat. p. 71; Suppl. p. 120.*
- a. Animal stuffed; adult. Shell, 59 in.
 England, Coast of Dorsetshire.
- b. Animal stuffed; adult. Shell, 56 in.; not in good state.
 West Indies, Nevis. Presented by W. Cottle, Esq.
- c. Animal stuffed; adult. Shell, 47 in.
 Cape Seas. Presented by Sir A. Smith.
- c'. Animal, in spirits, about 3 in.
 ——— Ocean.
- d. Animal, in spirits, about 2½ in.
 ——— Ocean. 66, 8, 14, 237.
- e. Skeleton; very young.
 Sphargis coriacea, *Gray, Cat. Suppl. p. 119, f. 40 (skull).*
 ——— Ocean.

Order EMYDOSAURI.

Family 1. GAVIALIDÆ.

Genus 1. GAVIALIS.

1. GAVIALIS GANGETICUS, *Gray, Cat. Tort. p. 57; Sh. Rep. p. 5.*

h. Animal stuffed, 14 ft. 9 in.
Ganges.

Presented by F. P. Holloway, Esq.

i. Animal stuffed, 8½ ft.
India, R. Jumna.

Presented by Major Kamptie.

k. Animal stuffed, 6 ft. 6 in.
Ganges.

Presented by F. P. Holloway, Esq.

f. Animal stuffed, 52 in.
India.

e. Animal stuffed, 83 in.
Nepaul.

j. Animal, skin, 82 in.
India. 70, 6, 18, 5.

Presented by Surgeon F. Day.

d. Animal, dry, 81 in.
India.

Presented by S. P. Pratt, Esq.

c. Animal stuffed, 27 in.
India 41, 9, 4, 7.

g. Animal stuffed, 24 in.
India. 59, 2, 25, 1.

Presented by J. J. Lake, Esq.

b. Animal stuffed, 24 in.
India.

a. Animal, in spirits; young.
India. 45, 9, 6, 2.

Presented by Mrs. Manger.

j. Animal, in spirits; young.
India.

l. Head of adult.
India. Mus. Sloane.

m. Skull, 81 in.
India. 47, 12, 20, 4.

n. Skull, 80 in.
India.

Presented by Capt. Oriel.

o. Skull, 28 in. Upper jaw only.
India, Nepaul. 45, 1, 8, 203.

Presented by B. H. Hodgson, Esq.

p. Skull, 28 in. Wanting lower jaw. Bad state.
Poonah. 69, 8, 28, 159.

Presented by Dr. Leith.

- q.* Skull, 24 in. Cleaned.
 India. 61, 4, 1, 2.
r. Skull, 23 in. Occiput wanting.
 India. 70, 6, 18, 7. Presented by Surgeon F. Day.
h. Skull, 18 in., and lower jaw imperfect.
 India. Presented by J. E. Gray, Esq.
s. Skull, 18 in. Wanting lower jaw.
 India. Presented by Dr. Falconer.
t. Skull, 11 in.
 India.
u. Skull, 5½ in.
 India.
v. Lower jaw only, 85 in.
 India.

Genus 2. TOMISTOMA.

1. TOMISTOMA SCHLEGELII, *Gray, Cat.* p. 6.
a. Animal, in spirits; young.
Mecistops Journei, *Gray, Cat. Tort.* p. 58.
 Borneo. 44, 2, 2, 116. Leyden Coll.
d. Animal, in spirits; young.
 Borneo. Bleeker. 63, 10, 4, 1.
c. Skull, 23½ in.
 Borneo. Mitten. 60, 11, 6, 8.
b. Skull, 22 in.
 Borneo. Leyden Coll. 48, 10, 31, 19.

Family 2. CROCODILIDÆ.

Genus 1. OOPHOLIS.

1. OOPHOLIS POROSUS, *Gray, Cat.* p. 9.
vv. Animal stuffed, 18½ feet.
 Australia.
ww. Animal stuffed, 18½ feet.
 Australia.
xx. Animal stuffed, 9½ feet.
 India.
yy. Animal stuffed, 5 feet.
 India.
r. Animal stuffed, 54 in.
 India.
qq. Animal stuffed, 53 in.
 India. 46, 7, 27, 8. Presented by Capt. J. Ince.

- rr.* Animal stuffed, 44 in.
N. Australia. 57, 10, 24, 77. Presented by Dr. Elsey.
- tt.* Animal stuffed, 41 in.
India. 44, 4, 4, 1.
- uu.* Animal stuffed, 40 in.
India.
- a.* Animal stuffed, 89 in.
India.
- ss.* Animal stuffed, 85 in.
India.
- b.* Animal stuffed, 84 in.
India.
- q.* Animal stuffed, 20 in.
India. Presented by Gen. Hardwicke.
- o.* Animal stuffed, 18 in.
India. Presented by Gen. Hardwicke.
- p.* Animal stuffed, 18 in.
India. Presented by Gen. Hardwicke.
- s, t, u, v.* Animals, in spirits, and egg.
Borneo. 44, 10, 17. Presented by Capt. Sir E. Belcher.
- w.* Animal, in spirits; young.
India. 66, 8, 14, 210.
- x.* Animal, in spirits; young.
India. 66, 8, 14, 208.
- y.* Animal, in spirits; young.
Borneo. Lowe. 48, 2, 11, 8.
- z.* Animal, in spirits; young.
India. 62, 6, 25, 1.
- a' a'.* Animal, in spirits; very young.
Tenasserim. 46, 4, 4. Presented by Dr. Packman.
- b' b'.* Animal, in spirits; very young.
China. Presented by — Lindsay, Esq.
- cc.* Animal, in spirits; very young.
N.E. Australia. 44, 6, 18.
- dd.* Animal, in spirits; young.
India. 47, 6, 4, 237. Presented by Capt. Sir E. Belcher.
- ee.* Animal, in spirits; young.
Gorontalo. Dr. Meyer. 72, 4, 6, 112.
- ff, gg.* Two animals, in spirits; very young.
India. 49, 1, 12.
- hh.* Animal, in spirits; young.
Borneo, Labuan. 55, 10, 16, 27.
- c.* Animal, in spirits; young.
India.

- d.* Animal, in spirits.
India.
- e.* Animal, in spirits; young.
India. Presented by Gen. Hardwicke.
- f.* Animal, in spirits; young.
Penang. Presented by Gen. Hardwicke.
- g.* Animal, in spirits.
India. 43, 4, 26, 6. Presented by Capt. Stafford.
- h.* Animal, in spirits; young.
India.
- i.* Animal, in spirits; young.
India. Presented by Gen. Hardwicke.
- j.* Animal, in spirits; very young.
India. Presented by Gen. Hardwicke.
- k.* Animal, in spirits.
India. Presented by Gen. Hardwicke.
- m.* Animal, in spirits.
India. Presented by Gen. Hardwicke.
- n.* Animal, in spirits; previously dried.
India. Presented by E. Cooke, Esq., R.A.
- l.* Egg, in spirits.
India.
- ii.* Animal, in spirits.
Borneo. 44, 10, 17, 8. Presented by Capt. Sir E. Belcher.
- jj, kk.* Two animals, in spirits; very young.
India. 60, 8, 9, 1086—7.
- ll.* Animal, in spirits; young.
Borneo. 44, 10, 17, 9. Presented by Capt. Sir E. Belcher.
- mm.* Animal, in spirits; young.
Siam. 65, 4, 28, 1. Presented by Sir R. Schomburgk.
- oo.* Animal, in spirits; half-grown.
Manado. Dr. Meyer. 71, 9, 1, 46.
- pp.* Animal, in spirits; young.
India. 55. Presented by Dr. S. O. MacWilliam.
- qq.* Skull, 80 in.
India. Warwick. 47, 8, 5, 83.
- rr.* Skull, 26 in. Wants many teeth.
India. 61, 4, 1, 4.
- ss.* Skull, 25 in.
"C. raninus, Sch."
Borneo. Mus. Leyden. 65, 8, 22, 1.
- tt.* Skull, 25 in.
India.
- vv.* Skull, 25 in. Side deformed; front injured.
India. Mus. Utrecht. 67, 4, 2, 187.

- uu.* Skull, $24\frac{1}{2}$ in.
 India? Brandt, 52, 12, 9, 2.
- g.* Skull, 22 in; without teeth or lower jaw.
Crocodylus palustris, "*g.*" Gray, *Cat. Tort.* p. 62.
 N. Coast of Australia, Presented by Capt. Stokes, R.N.
- ww.* Head covered with skin, 19 in. Teeth lost.
 India. 44, 7, 19, 21.
- xx.* Skull, 25 in.
 India. 66. Presented by Dr. Falconer.
- yy.* Skull, 18 in.
 India. 67, 4, 2, 188.
- aaa.* Skull, 21 in. Lost some teeth.
 Trincomalee. 60, 9, 29, 2.
- zz.* Skull, $16\frac{1}{2}$ in.
 India. 46, 1, 7, 1.
- bbb.* Skull, $5\frac{1}{2}$ in. From decayed skin. No lower jaw.
 India.
2. *OOPHOLIS PONDICHERIANUS*, Gray, *Cat.* p. 9.
- a.* Animal, in spirits; young.
O. pondicherianus, Gray, *Ann. & Mag. Nat. Hist.* x. 268.
Crocodylus ponticerianus, Günther, *Rep. B. I. t.* vii.
 Pondicherry. Parzudaki. 51, 7, 17, 17.

Genus 2. BOMBIFRONS.

1. *BOMBIFRONS INDICUS*, Gray, *Cat.* p. 9, f. 1—4.
- xx.* Animal stuffed, $9\frac{1}{2}$ feet.
 India, R. Jumna. Presented by Major Kamptie.
- yy.* Animal stuffed, $7\frac{1}{2}$ feet.
 India.
- h.* Animal stuffed, 72 in.
C. palustris, Gray, *Cat. Tort.* p. 62.
 India.
- a**. Animal stuffed, 68 in.
Crocodylus palustris, Gray, *Cat. Tort.* p. 62.
 India. Mantell.
- b.* Animal stuffed, 57 in.
 India.
- ww.* Animal stuffed, 54 in.
 "C. cataphractus," *Zool. Soc.* 1871.
 India. 71, 9, 9, 5.
- vv.* Animal stuffed, 55 in.
 India. 67, 2, 15, 1.

g. Animal stuffed, 47 in.
Madras. 63, 5, 8, 2.

e. Animal stuffed, 44 in.
Crocodilus trigonops, *Gray, Cat. Tort.* p. 63.
India.

j. Animal stuffed, 42 in.
India. 54, 7, 18, 1.

Presented by Dr. Sayer.

k. Animal stuffed, 35 in.
India. 41, 3, 80, 11.

m. Animal stuffed, 30 in.
C. trigonops, *Gray, Cat. Tort.* p. 63.
Singapore.

n. Animal stuffed, 28 in.
India. 44, 1, 5, 1.

a. Animal stuffed, 28 in.
India. Miers.

o. Animal stuffed, 26 in.
Crocodilus trigonops, "*a*," *Gray, Cat. Tort.* p. 63.
India.

c. Animal stuffed, 22 in.
India.

Presented by Gen. Hardwicke.

l. Skin, imperfect. Shields and part of back, 84 in.
India.

p. Animal, not stuffed.
India. 70, 6, 18, 7.

Presented by Surgeon F. Day.

i. Animal, in spirits; very young.
India.

Presented by Gen. Hardwicke.

e'. Skull, 26 in. "Animal, 33 feet."
India.

Presented by Gibson Reeve, Esq.

f. Skull, 23 in.
India. 61, 4, 2, 5.

b'. Skull, 21 in.
Crocodilus biporcatus, *Cautley*.
C. bombifrons, *Gray, Cat. Tort.* p. 59.
India. 44, 1, 27, 4.

Presented by the R. Asiatic Soc., Bengal.

a'. Skull, 20 in.
Crocodilus bombifrons, *Gray, Cat. Tort.* p. 59.
Bombifrons indicus, *Gray, Trans. Zool. Soc.* vi. p. 142, f. 2, *a* & *b*,
t. 81, f. 1, 2, 8.

India.

Presented by Capt. Oriel.

q. Skull, 20 in.
India. Theobald. 68, 4, 9, 11.

r. Skull, 17½ in.
Bombifrons indicus, *Gray, Trans. Zool. Soc.* vi. p. 142, f. 2.
India. 47, 12, 20, 5.

- d.* Skull, 12 in.
C. palustris, *Gray, Cat. Tort.* p. 62.
 India.
- s.* Skull, 18 in. Broken. No lower jaw, and only a few of the teeth.
 Ceylon. 52, 5, 9, 45. Presented by Dr. Kelaart.
- t.* Skull, 10 in. No lower jaw, and only a few teeth.
 India. 48, 2, 5, 9.
- u.* Skull, 11 in. No lower jaw, and no teeth.
 Ceylon. 52, 5, 9, 46. Presented by Dr. Kelaart.
- v.* Skull, 10 in.
Bombifrons indicus, *Gray, Trans. Zool. Soc.* vi. p. 143, f. 3.
 India. Presented by Sir J. Boileau.
- w.* Skull, 4½ in.
Croc. trigonatus, *Gray, Cat. Tort.* p. 66.
B. indicus, *Gray, T. Z. S.* vi. 143, f. 3.
 India.
- x.* Skull, 4½ in. Very broad; imperfect.
 India. Presented by Dr. Falconer.
- y.* Skeleton, imperfect. Wanting skull.
 India, R. Raphe. Garruckpore.
2. *BOMBIFRONS SIAMENSIS*, *Gray, Cat.* p. 18.
- a.* Animal stuffed, 30 in. Half-grown.
B. siamensis, *Gray, Ann. & Mag. N. H.* x. p. 269.
 Siam & Camboja. Mouhot. 44, 3, 30, 13.
- c.* Animal stuffed, 31 in.
 Asia. 44, 3, 20, 25.
- d.* Animal stuffed, 35½ in.
 India? 54, 3, 11, 6.
- e.* Animal stuffed, 54 in.
 Camboja. Mouhot. 64, 1, 12, 22.
- b.* Animal, in spirits; young.
B. siamensis, *var.*, *Gray*.
 Singapore.

Genus 3. *PALINIA*.

1. *PALINIA RHOMBIFERA*, *Gray, Cat.* p. 18.
- a.* Animal stuffed; half grown, 64 in.
 Cuba. Sagra. From Mus. Paris.
- d.* Animal stuffed; very young.
 Mexico. Warwick. 48, 7, 28, 45.
- b.* Animal, in spirits; young.
Crocodylus americanus, "*c.*" *Gray, Cat. Tort., &c.* p. 60.
 Cuba. Presented by W. S. MacLeay, Esq.

- c. Animal, in spirits; young.
Crocodilus americanus, "d," *Gray, Cat. Tort., &c.* p. 60.
 Cuba. Presented by W. S. MacLeay, Esq.

2. *PALINIA* ? *MORELETII*, *Gray, Cat.* p. 14.

- a. Animal stuffed; young, 27 in.
P. Moreletii ? *Gray, Trans. Zool. Soc.* vi. 146.
 Yucatan.

- b. Animal, in spirits; young.
P. Moreletii ? *Gray, l. c.* p. 146.
 Yucatan.

Genus 4. *CROCODILUS*.

1. *CROCODILUS VULGARIS*, *Gray, Cat.* p. 14, f. 5—8.

- a. Animal stuffed, 118 in.
C. marginatus, (a,) *Gray, Cat. Tort.* p. 61.
 S. Africa. Presented by the Earl of Derby.
- b. Animal stuffed, 5 feet.
 N. Africa.
- bb. Animal stuffed, 8½ feet.
 W. Africa. Senegal.
- k. Animal stuffed, 60 in.
 N. Africa.
- d. Animal stuffed, 60 in.
 N. Africa.
- c. Animal stuffed, 56 in.
C. vulgaris, *Bibron, MSS.*
 N. Africa.
- ee. Animal stuffed, 58 in.
 N. Africa. Nile. 65, 3, 16, 8. Presented by G. L. Cunningham, Esq.
- e. Animal stuffed, 40 in.
 W. Africa.
- f. Animal stuffed, 40 in.
 N. Africa.
- g. Animal stuffed, 41 in.
 N. Africa.
- h. Animal stuffed, 87 in.
 N. Africa. Presented by Sir G. Wilkinson.
- i. Animal stuffed, 24 in.
 N. Africa. Presented by Sir G. Wilkinson.
- j. Animal stuffed, 19 in. Not in good state.
 N. Africa.
- cc, dd. Two animals, dried; from tombs.
 Egypt. 69, 6, 29, 1 & 2.

- l.* Animal, in spirits; young. Head injured.
Africa. Tette. 64, 1, 9, 17. Presented by Dr. John Kirk.
- m.* Animal, in spirits; young, dried.
Africa. 62, 10, 12, 12.
- n.* Animal, in spirits; young.
W. Africa, Old Calabar. 62, 1, 24, 52. Presented by A. Murray, Esq.
- o.* Animal, in spirits; young.
Madagascar. 65, 8, 4, 5.
- p.* Animal, in spirits.
E. Madagascar. 63, 5, 21, 4. Zool. Soc.
- q, r, s, t, u.* Six animals, in spirits; young.
Senegal. Cuming.
- v, v.* Two animals, in spirits; young.
Africa. 48, 9, 11, 57.
- w.* Animal, in spirits.
W. Africa. Baikie. 63, 7, 30, 1.
- x.* Animal, in spirits, bleached; very young.
N. Africa. Egypt. 51, 7, 17, 16.
- y.* Animal, in spirits; very young.
Africa? 53, 3, 19, 15. Presented by Sir W. Hooker.
- z.* Animal, in spirits; young.
Natal. 62, 11, 9, 20.
- mm.* Two animals, in spirits; very young.
Senegal. Cuming. 60, 6, 19, 6, 7.
- nn.* Head, in spirit.
W. Africa. Pungo a dongo. 64, 7, 18, 21. Presented by Dr. Welwitsch.
- hh.* Skull, 24 in.
W. Africa. Baikie. 64, 4, 6, 2.
- oo.* Skull, 23 in.
W. Africa. Baikie. 64, 9, 11, 1.
- jj.* Skull, 23 in.
W. Africa. Old Calabar. 62, 6, 30, 7. Presented by A. Murray, Esq.
- ii.* Skull, 22 in. Bad state.
W. Africa. 65, 5, 3, 76.
- ff.* Skull, 20 in. Wants greater part of teeth.
W. Africa. Baikie. 64, 8, 8, 12.
- gg.* Skull, 14 in.
W. Africa. 64, 1, 25, 4. Presented by Dr. Livingstone.
- kk.* Skull, 3½ in.
Africa. 45, 3, 29, 18.

Genus 5. MOLINIA.

* *Molinia*.1. MOLINIA AMERICANA, *Gray, Cat.* p. 17.

- a. Animal stuffed, 83 in.
America, Mexico. 89, 12, 26, 67.
- n. Animal stuffed, 48 in.
America. Zool. Soc. 54, 5, 9, 6.
- o. Animal stuffed, 82 in.
M. americana, var. Gray, Cat. p. 18.
America, Mexico. 48, 7, 28, 17.
- p. Animal stuffed, 88 in.
Mexico. Warwick. 48, 7, 28, 16.
- q. Animal stuffed, 56 in. Lost right hind leg; nuchal shields very few, and, like dorsal shields, very irregular.
Guatemala. Salvin. 64, 4, 8, 1.
- r. Animal stuffed, 14½ feet.
Mexico. 48, 7, 28, 14.
- s. Animal stuffed, 11½ feet.
Grey Town. Presented by G. R. Williams, Esq.
- t. Animal stuffed, 8½ feet.
Trop. America.
- u. Animal stuffed, 6 feet.
Trop. America.
- v. Animal stuffed, 5½ feet.
Trop. America.
- w. Animal stuffed, 5½ feet.
Trop. America. Presented by Sir John Richardson.
- h. Animal, in spirits.
Tropical America.
- i. Animal, in spirits; young.
Tropical America. 55, 10, 16, 146. Presented by J. O. Goodrich, Esq.
- j. Animal, in spirits; young.
W. Ecuador. Fraser. 60, 6, 16, 1.
- k. Animal, in spirits; previously dried.
Tropical America.
- l. Animal, in spirits; young.
Jamaica. 71, 6, 8, 1.
- m. Animal, in spirits; young.
Tropical America. 56, 2, 18, 8.
- b. Animal, in spirits, 12 in.
Tropical America. Mantell.
- g. Animal, in spirits, 12 in.
Tropical America. Mantell.

- x.* Animal, in spirits.
Tropical America. 51, 8, 18, 27.
- y.* Skull, 20 in.
Mexico. 57, 5, 21, 1.
- e.* Skull, 17½ in.; covered with skin.
W. Coast of America. Presented by Capt. Sir E. Belcher.
- f.* Skull of young, in.
Tropical America. Mantell.
- z.* Skull, 7 in. From decayed skin. No lower jaw.
Tropical America.
- c.* Skull, 4½ in. From decayed skin.
Tropical America.

** *Temsacus*.

2. *MOLINIA INTERMEDIA*, Gray, *Cat.* p. 18.
- a.* Animal, in spirits; young.
C. acutus, Brandt.
Tropical America.
- c.* Skull, 27 in. Many teeth wanting.
Trop. America. 62, 10, 19, 1.
- b.* Skull, 20 in.
Crocodile de l'Orénoque. Mus. Paris.
Molinia intermedia, Gray, *Trans. Zool. Soc.* vi. p. 152, f. 9, 10, t. 82;
f. 4, 5, 6.
Tropical America. Orinoco. 51, 8, 25, 29.

Genus 6. *HALCROSIA*.

1. *HALCROSIA NIGRA*, Gray, *Cat.* p. 20, f. 10—13.
- d.* Animal stuffed, 67 in.
W. Africa.
- e.* Animal stuffed, 48 in.
W. Africa. R. Borney. Presented by Dr. Forsyth.
- a.* Animal, in spirits; young.
Crocodilus frontatus, Murray, *P. Z. S.* 1862, pl. xxix.
Old Calabar. Presented by A. Murray, Esq.
- b.* Animal, in spirits; young.
W. Africa. Zool. Soc. 53, 12, 6, 45.
- c.* Animal, in spirits; nearly adult.
W. Africa. 71, 9, 21, 1.
- h.* Skeleton, 19½ in.
"Alligator palpebrosus." Mus. Paris.
W. Africa. 61, 2, 20, 8.

- f.* Skull, $8\frac{1}{2}$ in., without lower jaw, and some teeth.
Halcrosia frontata, Gray, *Trans. Zool. Soc.* vi. t. 81, f. 4, 5, 6.
 W. Africa. Old Calabar. 62, 5, 80, 5. Presented by A. Murray, Esq.
g. Skull, $6\frac{1}{2}$ in., without lower jaw or teeth.
 W. Africa. Old Calabar. 62, 2, 80, 6. Presented by A. Murray, Esq.

Genus 7. MECISTOPS.

1. MECISTOPS CATAPHRACTUS, Gray, *Cat.* p. 22, f. 14—17.
a. Animal stuffed; adult, 7 feet.
Mecistops Bennettii, Gray, *Cat. Tort.* p. 57.
 W. Africa. Gambia. Randall.
b. Animal, dry, $4\frac{1}{4}$ feet.
Mecistops cataphractus, Gray, *Cat. Tort.* p. 58.
 W. Africa.
c. Animal, without head, 156 in.
 W. Africa.
g. Animal stuffed, 84 in.
 W. Africa. 62, 6, 21, 6.
h. Animal stuffed, 53 in.
 W. Africa. 58, 4, 20, 78.
i. Animal stuffed, 26 in.
 W. Africa. Zool. Gardens.
f. Animal, in spirits; young.
 Old Calabar. 62, 1, 24, 51. Presented by A. Murray, Esq.
d. Animal, in spirits; young.
 Old Calabar. 62, 9, 2, 81. Presented by W. Carruthers, Esq.
e. Animal, in spirits; young.
 W. Africa.
k. Skull, 21 in., without teeth.
Mecistops cataphractus, Gray, *Trans. Zool. Soc.* vi. t. 82, f. 1—8.
 W. Africa. 62, 6, 80, 8.
l. Skull, 21 in., without teeth.
 W. Africa. Baikie. 64, 4, 6, 1.

Family 8. ALLIGATORIDÆ.

Genus 1. JACARE.

A. Melanosuchus.

1. JACARE NIGRA, Gray, *Cat.* p. 25.
b. Animal stuffed, $13\frac{1}{2}$ feet.
 Para. Presented by R. Graham, Esq.
a. Skull, 22 in.
 Para. 45, 8, 25, 125. Presented by R. Graham, Esq.

- c. Skull, $14\frac{1}{2}$ in.
 Para. 45, 8, 25, 126. Presented by R. Graham, Esq.
 d. Skull, $8\frac{1}{2}$ in.
 Eastern Peru. Bartlett. 72, 6, 4, 1.

B. *Cynosuchus*.

2. JACARE LATIROSTRIS, *Gray, Cat.* p. 25.
 c. Animal stuffed, 7 feet.
 Rio Paraguay. 72. Presented by Col. P. Percy de Lasala.
 f. Animal stuffed, 6 feet.
 Brazils.
 g. Animal stuffed, $5\frac{1}{2}$ feet.
 Brazils.
 h. Animal stuffed, $5\frac{1}{2}$ feet.
 Brazils.
 n. Animal stuffed, 5 feet.
 Brazils.
 j. Animal stuffed, 82 in.
 Tropical America.
 d. Animal.
 J. latirostris, var. 2, *Gray, Trans. Z. Soc.* p. 164.
 S. America, Lake Santa Cruz de la Sierra.
 e. Animal, in spirits; young. Bleached.
 Brazils. 45, 2, 21, 86. Coll. Surgeons.
 a. Animal, in spirits; young.
 Brazils, Pernambuco. 49, 6, 6, 8. Presented by J. P. G. Smith, Esq.
 b. Animal, in spirits; young.
 Brazils, Pernambuco. 45, 2, 11, 28. Presented by J. P. G. Smith, Esq.
 o. Animal, in spirits; young.
 J. latirostris, var. 1, *Gray, Trans. Zool. Soc.* vi. p. 163.
 Brazils, Pernambuco. 49, 6, 6, 4. Presented by J. P. G. Smith, Esq.
 i. Animal, in spirits.
 Demerara Falls. 72, 10, 16, 69.
 m. Skeleton, 49 in.
 Tropical America.
 k. Skull, $7\frac{1}{2}$ in. Without back of palate.
 Jacare latirostris, *Gray, Ann. & Mag. N. H.* 1862, x. p. 828.
 Tropical America.
 l. Skull, $7\frac{1}{2}$ in.
 Tropical America.

3. JACARE MULTISCUTATA, *Gray, Cat.* p. 26.
 a. Skin, 24 in.
 J. multiscutata, *Gray, Trans. Z. Soc.* p. 164.
 Brazils. 46, 7, 10, 41.

4. JACARE LONGISCUTATA, *Gray, Cat.* p. 26.
 a. Animal stuffed, 24 in.
J. longiscutata, Gray, Trans. Z. Soc. p. 164, t. 84.
 Tropical America.
5. JACARE OCELLATA, *Gray, Cat.* p. 26.
 a. Animal stuffed, 29 in.
J. ocellata, Gray, l. c. p. 164, t. 83.
 S. America, L. Santa Cruz de la Sierra.
6. JACARE PUNCTULATA, *Gray, Cat.* p. 26.
 u. Animal stuffed, 8½ in.
 Paraguay. 70, 12, 15, 1. Presented by T. G. Hutchinson.
 a. Animal stuffed, 81 in.
J. punctulata, Gray, l. c. p. 165.
 Argentine Republic.
 b. Animal stuffed, 70 in.
 Argentine Republic. Presented by W. D. Christie, Esq.
 d. Animal stuffed, 69 in.
 Brazils.
 e. Animal stuffed, 66 in.
 Brazils.
 c. Animal stuffed, 55 in.
 Demerara. 55, 8, 28, 1.
 p. Animal stuffed, 54 in.
 Guatemala. Salvin. 64, 4, 8, 2.
 o. Animal stuffed, 47 in.
 Tropical America. 46, 4, 25, 27.
 t. Animal stuffed, 45 in.
 Tropical America. 58, 4, 20, 77.
 u. Animal stuffed, 43 in.
 Demerara. 55, 8, 28, 2.
 n. Animal stuffed, 31 in.
 Tropical America.
 s. Animal stuffed, 25 in. End of tail broken.
 Tropical America.
 q. Animal stuffed, 25 in. End of tail lost.
Jacare punctulata, var. 2.
 Demerara. 55, 8, 28, 3.
 f. Animal, in spirits.
 Surinam.
 g. Animal, in spirits.
 Tropical America.
 h. Animal, in spirits.
 Guiana. 66, 8, 14, 209.

i. Animal, in spirits.

Guiana. 66, 8, 14, 24.

j. Animal, in spirits.

Demerara. 62, 9, 2, 32.

Presented by W. Carruthers, Esq.

k. Animal, in spirits.

Guiana. 66, 8, 14, 207.

l. Animal, in spirits.

Tropical America. Mather. 49, 9, 22, 67.

m. Animal, in spirits.

Demerara. Snellgrove. 56, 5, 14, 1.

r. Skull, 19 in.

Tropical America. 51, 8, 17.

v. Skull, 5½ in. From old skin.

Tropical America.

7. *JACARE HIRTICOLLIS*, Gray, *Cat.* p. 27.

a. Animal.

J. hirticollis, Gray, *Trans. Z. Soc.* p. 165.
Demerara.

Genus 2. CAIMAN.

A. *Paleosuchus*. Head elongate. Caudal disk broad.

1. *CAIMAN TRIGONATUS*, Gray, *Cat.* p. 28.

e. Animal stuffed, 49 in.

Tropical America. 58, 4, 20, 79.

f. Animal, dry, 21 in.

Eastern Peru. R. Haulhaga. Bartlett. 69, 5, 21, 23.

g. Animal stuffed, 24 in.

Tropical America. Guiana. 67, 10, 16, 19.

a. Animal, in spirits; young.

S. America.

b. Animal, in spirits; young.

Tropical America. 66, 8, 14, 212.

c. Animal, in spirits; young.

Tropical America. 66, 8, 14, 215.

d. Animal, in spirits; young.

Tropical America. 66, 8, 14, 214.

h. Skull, 9 in.

Surinam. 68, 10, 8, 1.

B. *Aromosuchus*. Head short. Caudal disk elongate.

2. *CAIMAN PALPEBROSUS*, Gray, *Cat.* p. 28.

a. Animal, in spirits.

Tropical America. 52, 9, 18, 45.

- b.* Animal, in spirits.
Tropical America. 66, 8, 14, 213.
c. Animal stuffed, 29 in.
Tropical America. 61, 8, 20, 82.
d. Animal stuffed, 44 in. Lost end of tail.
C. gibbiceps.
Tropical America. 46, 8, 13, 5.

Genus 8. ALLIGATOR.

1. ALLIGATOR MISSISSIPPIENSIS, *Gray, Cat. p. 29.*
- f.* Animal stuffed, 84 in.
N. America.
h. Animal stuffed, 66 in.
N. America.
g. Animal stuffed, 63 in.
Alligator Cuvieri, *Leach, Zool. Misc. t.*
N. America.
q. Animal stuffed, 47 in.
N. America. 44, 8, 30, 14.
o. Animal stuffed, 46 in.
N. America. 50, 1, 27, 14.
b. Animal stuffed, 45 in.
N. America. Presented by E. Doubleday, Esq.
r. Animal stuffed, 42 in. Feet bad from confinement.
N. America. 45, 8, 15, 4, 2.
p. Animal stuffed, 39 in.
N. America. 43, 7, 1, 7.
a. Animal stuffed, 38 in.
N. America. Mantell.
c. Animal stuffed, 35 in.
N. America.
d. Animal, in spirits; very young.
N. America. Mantell.
e. Animal, in spirits; very young.
N. America. Mantell.
j. Animal, in spirits; very young.
N. America. New Orleans.
k. Animal, in spirits; young.
N. America. 63, 12, 3, 8. Zool. Soc.
l. Animal, in spirits; young.
N. America. 56, 9, 8, 10. Presented by Odo Russell, Esq.
m. Animal, in spirits.
N. America. 58, 9, 8, 9. Presented by Odo Russell, Esq.
t. Skeleton, 9 feet.
N. America. Mississippi.

- i. Skeleton of young. Skull, 5 in.
 N. America. Mantell.
 n. Skull, $16\frac{1}{2}$ in.
 N. America.
 s. Skull, 17 in.
 N. America. 68, 2, 12, 6.

Presented by Dr. Falconer.

Order RHYNCHOCEPHALIA.

Genus 1. SPHENODON.

1. SPHENODON PUNCTATUM, *Gray, Cat.* p. 80.
 a. Animal, in spirits; adult.
Hatteria punctata, *Gray, Dieffenbach's New Zeal.* p. 205.
 New Zealand. Presented by Dr. Dieffenbach.
 b, c. In spirits; adult.
 "Hatteria punctata," *Gray*.
 New Zealand. 54, 11, 16, 10, 11. Presented by Capt. Drury.
 d. In spirits; half-grown.
 New Zealand. 55, 18, 16, 37. Presented by the Haslar Hospital.
 e. In spirits; adult. Skull extracted, "h."
 New Zealand. 65, 5, 3, 2. Presented by Sir A. Smith.
 f. Stuffed. Skeleton and claws extracted.
 New Zealand. 44, 10, 29, 11. Presented by F. Knox, M.D.
 g. Skeleton of "f."
Hatteria punctata, *Günther, Phil. Trans.* 1867.
 New Zealand. Presented by F. Knox, M.D.
 h. Skull, of "e."
 New Zealand. 65, 5, 3, 2. Presented by Sir A. Smith.

Order AMPHISBÆNIA.

Family 1. TROGONOPHIDÆ.

Genus 1. TROGONOPHIS.

1. TROGONOPHIS WIEGMANNI, *Gray, Cat.* p. 88.

- a—c.* In spirits; adult.
Tangier. Fraser. 48, 2, 16, 8.
- d.* In spirits; half-grown.
Algiers. 46, 6, 16, 71. Presented by Mr. Kemp.
- e, f.* In spirits; half-grown.
Oran. 51, 8, 25, 5, 6. Presented by Rev. A. Levi.
- g.* In spirits; adult.
Algiers. 51, 8, 26, 4. Presented by M. Duméril.
- h.* In spirits; adult.
Algiers.
- i.* In spirits; half-grown.
Algiers. Parzudaki. 57, 10, 28, 31.
- k.* In spirits; half-grown.
Algiers. 50, 8, 29, 12. Presented by the Zool. Soc.
- l.* In spirits; half-grown.
Mogadore. 61, 5, 27, 17. Presented by Rev. R. T. Lowe.
- m, n.* In spirits; half-grown.
Mogadore. Presented by Rev. R. T. Lowe.

Family 2. CHIROTIDÆ.

Genus 1. CHIROTES.

1. CHIROTES LUMBRICOIDES, *Gray, Cat.* p. 84.

- a, b.* In spirits.
Mexico. "Brazils."

Family 3. AMPHISBÆNIDÆ.

Tribe 1. AMPHISBÆNINA.

Genus 1. BLANUS.

1. BLANUS CINEREUS, *Gray, Cat.* p. 84.

- a.* In spirits.
Xanthus. Presented by Chas. Fellowes, Esq.
- b.* Many specimens, in spirits; adult.
Spain.
- c, d.* In spirits; adult.
Tangier. Fraser.

- e.* In spirits; adult.
Spain. Parzudaki. 57, 10, 28, 24.
- f.* In spirits; adult.
Oporto. 59, 7, 8, 8. Presented by E. Allen, Esq.
- g.* In spirits; adult.
S. Europe. Presented by R. Webb, Esq.
- h.* In spirits; adult.
Constantinople. Parzudaki. 62, 8, 12, 7.
- i.* In spirits; adult.
Portugal. 64, 9, 19, 38. Presented by M. Du Bocage.
- k, l.* In spirits; adult.
Asia Minor. 66, 6, 15, 7, 8. Presented by R. M'Andrew, Esq.
- m.* In spirits; adult.
N. Africa.

Genus 2. AMPHISBÆNA.

1. AMPHISBÆNA ALBA, *Gray, Cat. p. 35.*
- a, b.* In spirits; adult.
Brazils. P. Clausen.
- c.* In spirits; adult.
Brazils.
- d.* In spirits; adult.
Brazils. 22, 8, 16, 1a.
- e.* In spirits; adult.
Brazils. 45, 2, 21, 218. Presented by R. College of Surgeons.
- f.* In spirits; adult.
Brazils. Brandt. 56, 11, 28, 9.
- g.* In spirits; adult.
Brazils. 66, 8, 14, 245.
- h.* In spirits; adult.
Brazils.
2. AMPHISBÆNA AMERICANA, *Gray, Cat. p. 35.*
- a.* In spirits. First upper labial divided in half, second lower labial distinct.
S. America.
- b.* In spirits.
Demerara. Presented by Lieut. Friend, R.N.
- c.* In spirits. Bleached.
S. America.
- d.* In spirits; adult. Second lower labial indistinct.
Berbice. Presented by Lady Essex.
- e.* In spirits. Lead-coloured, belly slightly white-spotted.
Demerara. 38, 11, 19, 21. Presented by S. J. Woodward, Esq.

- f.* In spirits; half-grown.
S. America. 45, 2, 21, 88. Presented by R. College of Surgeons.
- g.* In spirits; adult.
W. Indies. Presented by Miss Saul.
- h, i.* In spirits; adult.
Brazils. 46, 4, 1, 11.
- k, l.* In spirits; adult, and half-grown.
Upper Amazon. 51, 9, 2, 46.
- m.* In spirits.
Berbice. 58, 4, 6, 58.
- n.* In spirits; half-grown.
Guayaquil. Fraser. 58, 7, 25, 1.
- o, p, q.* In spirits; adult, and half-grown.
British Guiana. Leadbeater. 62, 12, 15, 6, 7, 8.
- r.* In spirits; half-grown.
Demerara. Presented by Capt. Sabine.
- s, t.* In spirits.
Demerara. Presented by Capt. Sabine.
- u.* In spirits; adult.
S. America. 66, 8, 14, 246.

3. *AMPHISBÆNA VERMICULARIS*, Gray, *Cat.* p. 85.

- a.* In spirits.
Brazils. Dr. Gardner.
- b.* In spirits.
Porto Bello. Presented by Capt. Austin, R.N.
4. *AMPHISBÆNA PLUMBEA*, Gray, *Cat.* p. 86.
- a.* In spirits.
Amphisbæna plumbea, Gray, *Cat.* p. 86.
Mendoza. 71, 11, 29, 5.

Genus 3. *BRONIA*.

1. *BRONIA BRASILIANA*, Gray, *Cat.* p. 87.
- a.* In spirits.
Brazil.
- b.* In spirits.
Bronia Brasiliana, Gray, *P. Z. S.* 1865, p. 448, f. 1 & 2.
Santarem.

Genus 4. *SAREA*.

1. *SAREA CÆCA*, Gray, *Cat.* p. 87.
- a.* In spirits.
Porto Bello. Presented by Capt. Austin, R.N.

b. In spirits.
St. Thomas. Riese.

c. In spirits.
Amphisbæna antilensis, Mus. Copenhagen.
Danish W. Indies. 65, 10, 2, 11.

Presented by University of Copenhagen.

Genus 5. CADEA.

1. CADEA PUNCTATA, *Gray, Cat.* p. 88.

a. In spirits.
Amphisbæna punctata, *Bell, Zool. Journ.* ii. p. 286, t. 20, f. 2.
Cuba. Presented by W. S. Macleay, Esq.

Genus 6. BAIKIA.

1. BAIKIA AFRICANA.

a. In spirits.
Baikia africana, *Gray, P. Z. S.* 1865, p. 451, f. 8 & 4; *Cat. S. R.* ii.
p. 39, f. 20, 21.
W. Africa. Baikie. 65, 5, 2, 7.

Family 4. LEPIDOSTERNIDÆ.

Tribe 1. LEPIDOSTERNINA.

Genus 1. LEPIDOSTERNON.

1. LEPIDOSTERNON MICROCEPHALUM, *Gray, Cat.* p. 39.

a. In spirits; adult.
Brazils.

b. In spirits; half-grown.
Brazils.

c. In spirits; half-grown.
Brazils. 65, 7, 4, 8. Presented by the Derby Museum.

2. LEPIDOSTERNON GRAYII, *Gray, Cat.* p. 40, f. 22, 23.

a. In spirits.
Lepidosternon Grayii, *A. Smith, Gray, P. Z. S.* 1865, p. 452,
f. 5 & 6.
S. America. 48, 6, 14, 11. Presented by Sir A. Smith.

3. LEPIDOSTERNON PHOCÆNA, *Gray, Cat.* p. 40.

a. Animal stuffed.
Lepidosternon phocæna, *Gray, Cat. Tort., &c.*, p. 78.
Buenos Ayres. Bridges.

Tribe 2. CEPHALOPELTINA.

Genus 2. CEPHALOPELTIS.

1. CEPHALOPELTIS SCUTIGERA, *Gray, Cat.* p. 40.*a.* In spirits; adult.

Rio Janeiro. 68, 9, 16, 24.

Presented by Dr. Cunningham.

Genus 3. MONOTROPHIS.

1. MONOTROPHIS CAPENSIS, *Gray, Cat.* p. 41.*a.* In spirits.

Zambezi. 64, 6, 28, 7.

Presented by Dr. Kirk.

b. In spirits.

S. Africa. 64, 10, 29, 7.

c, d. In spirits.Monotrophis capensis, *A. Smith, Zool. S. Africa*, f. 47.

S. Africa. 65, 5, 4, 179.

Presented by Sir A. Smith.

Genus 4. DALOPHIA.

1. DALOPHIA WELWITSCHII, *Gray, Cat.* p. 41; f. 24, 25.*a.* In spirits.Dalophia Welwitschii, *Gray, P. Z. S.* 1865, p. 454, f. 7, 8.

Pungo Adongo. 64, 7, 18, 34, 5.

Presented by Dr. Welwitsch.

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